Ohio Labor Market Information

Labor Market Review

July 1991

Summary. Ohio's seasonally adjusted unemployment rate rose from 6.4 percent in June 1991 to 6.9 percent in July 1991. The national rate decreased from 7.0 percent to 6.8 percent over the month. Total employment in Ohio was up 19,000 from June to 5,119,000 in July. There were 378,000 unemployed Ohioans in July, 31,000 more than in June. Total nonagricultural wage and salary employment (seasonally adjusted), at 4,922,000 in July, was virtually unchanged from June. (See page 3.)

Goods-Producing Industries. Scattered losses in manufacturing industries lowered employment in goods-producing industries 6,000 from June to 1,294,000 in July. Rubber and miscellaneous plastics products declined 2,000. Stone, clay, and glass products, industrial machinery and equipment, transportation equipment, printing and publishing, and chemicals and allied products each lost 1,000 jobs. Employment in fabricated metal products was up 1,000. There was little employment change in mining and construction.

Service-Producing Industries. There were 3,628,000 people employed in service-producing industries in July, up 6,000 from June. Increases in local education boosted employment in government 3,000. Services advanced 2,000, while wholesale trade increased 1,000. Employment in transportation and public utilities, retail trade, and finance, insurance, and real estate was on par with June.

Over the Year. Ohio's unemployment rate increased from 5.6 percent in July 1990 to 6.9 percent in July 1991. The U.S. rate rose from 5.5 percent to 6.8 percent during the same period. Total employment in Ohio was up 4,000 from July 1990, while total unemployment was 73,000 higher. Nonfarm payroll employment advanced 19,000 over the year. Employment in services was up 43,000 due largely to increases in health and business services. All other service-producing industries showed gains from June 1990. Manufacturing employment was down 37,000 over the year. Employment in most component industries was substantially below the year-ago level. The largest declines were in industrial machinery and equipment (-10,000), fabricated metal products (-7,000), and rubber and miscellaneous plastics products (-6,000). Construction employment rose 4,000, while mining employment declined 1,000 over the year.

Factory Hours and Earnings. Production workers in manufacturing industries in Ohio earned an average of $556.25 per week in July, down $5.18 from June. Their average workweek of 42.3 hours was 0.2 hours shorter. Most manufacturing industries had lower earnings due to less overtime. The most significant decreases were in motor vehicles and equipment, metal forgings and stampings, and metalworking machinery. Commercial printing had noticeably higher earnings.

Benefits and Costs. There were 72,749 initial claims filed under the Ohio Unemployment Compensation Law in July, up 46.3 percent from June, and up 9.1 percent from July 1990.

Ohio Bureau of Employment Services
George V. Voinovich, Governor James Conrad, Administrator

Total benefits paid rose 1.6 percent to $72.4 million. The average weekly benefit check of $172.80 was $2.08 lower than in June. The average weekly number of benefit recipients, at 95,818, decreased 6.2 percent. At the end of July, there were 208,437 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services helped 39,738 new job applicants in July, up 21.7 percent from June, and up 16.5 percent from July 1990. The Employment Services Division made 29,188 job referrals in July, up 26.5 percent over the month. There were 7,432 total placements made, up 12.8 percent.

Ohio Occupational Almanac

One of our most popular publications, the *Ohio Occupational Almanac*, has been updated and is now ready for release. This reference book details the supply/demand relationship, wage data and where to find employment for some 200 occupations. All of the information is now in narrative form, except for the list of industries which employ each occupation listed. Occupations are divided into these groups: those which require a high school diploma; those which require a two-year college degree; and those which require a four-year college degree.

There is no charge for the 1990 *Almanac*. For more information, call the LMI Division at (614) 644-2689, or write:

Ohio Bureau of Employment Services
LMI Division
Attn: Statistical Services
P.O. Box 1618
Columbus, OH 43216

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Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

Ohio

	Employment (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Jul. 1991	Jun. 1991	Jul. 1990	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,497	5,447	5,420	50	77	.9	1.4
Employment	5,119	5,100	5,115	19	4	.4	.1
Unemployment	378	347	305	31	73	8.9	23.9
Unemployment Rate	6.9	6.4	5.6				
Employer Survey Data[e]							
Total	4,922	4,922	4,903	0	19	.0	.4
Goods-Producing Industries	1,294	1,301	1,328	-6	-33	-.5	-2.5
Mining	17	17	18	0	-1	-.4	-4.1
Coal Mining	7	7	7	0	0	-.4	-5.1
Oil and Gas Extraction	6	6	6	0	0	-.8	-2.2
Construction	200	201	196	0	4	-.1	2.1
General Building Contractors	48	48	47	0	1	-.2	1.6
Heavy Construction, Except Building	24	25	24	0	1	-1.6	3.2
Special Trade Contractors	128	128	125	0	3	.2	2.1
Manufacturing	1,077	1,083	1,114	-6	-37	-.5	-3.3
Durable Goods	714	716	746	-2	-31	-.3	-4.2
Lumber and Wood Products	21	21	22	0	-1	-.1	-2.5
Furniture and Fixtures	15	15	15	0	0	-.5	.9
Stone, Clay, and Glass Products	43	44	45	-1	-2	-1.9	-5.2
Primary Metal Industries	96	96	100	0	-4	.1	-3.9
Fabricated Metal Products	125	124	132	1	-7	.9	-5.3
Industrial Machinery and Equipment	156	157	166	-1	-10	-.5	-6.0
Electronic and Other Electric Equipment	77	77	79	0	-3	-.2	-3.4
Transportation Equipment	141	142	145	-1	-3	-.8	-2.4
Instruments and Related Products	26	26	26	0	-1	-1.0	-2.7
Nondurable Goods	363	367	368	-4	-5	-1.0	-1.4
Food and Kindred Products	64	64	61	0	2	-.7	3.5
Apparel and Other Textile Products	14	14	15	0	-1	-1.0	-3.7
Paper and Allied Products	37	37	38	0	0	-.2	-.6
Printing and Publishing	76	76	76	-1	0	-.7	.2
Chemicals and Allied Products	66	67	66	-1	0	-1.7	-.4
Rubber and Misc. Plastics Products	88	90	94	-2	-6	-1.8	-6.2
Service-Producing Industries	3,628	3,621	3,576	6	52	.2	1.5
Transportation and Public Utilities	221	220	219	0	1	.1	.7
Transportation	130	130	127	0	2	.0	1.7
Communications, Electric, Gas Services	91	91	92	0	-1	.1	-.8

See footnotes on page 4.

Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

	Employment (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Jul. 1991	Jun. 1991	Jul. 1990	From Last Month	From Last Year	From Last Month	From Last Year
Wholesale Trade	266	266	263	1	3	.3	1.2
Wholesale Trade-Durable Goods	165	165	164	0	1	.0	.5
Wholesale Trade-Nondurable Goods	101	101	99	1	2	.7	2.3
Retail Trade	912	912	911	0	1	.0	-.1
Building Materials and Garden Supplies	34	34	35	0	-1	-.5	-2.4
General Merchandise Stores	123	123	127	0	-4	-.4	-3.4
Food Stores	140	140	141	0	-1	.1	-.4
Automotive Dealers and Service Stations	97	98	99	0	-1	-.3	-1.4
Apparel and Accessory Stores	51	51	49	0	2	.7	3.6
Furniture and Homefurnishings Stores	32	32	31	0	0	.2	1.3
Eating and Drinking Places	314	314	312	0	3	.1	.8
Miscellaneous Retail	120	120	117	0	3	.4	2.7
Finance, Insurance, and Real Estate	257	257	255	0	2	.0	.7
Finance	121	121	121	0	0	-.1	-.1
Depository Institutions	89	89	90	0	-1	-.1	-.8
Insurance	92	91	91	0	1	.4	1.0
Real Estate	44	45	43	0	1	-.5	2.1
Services	1,242	1,239	1,199	2	43	.2	3.6
Hotels and Other Lodging Places	41	41	39	0	2	.2	3.9
Personal Services	56	56	55	0	1	-.1	1.8
Business Services	230	231	219	0	11	-.1	5.0
Amusements, Including Motion Pictures	63	63	61	0	1	.0	2.0
Health Services	411	410	397	1	15	.2	3.7
Legal Services	30	30	29	0	1	.6	3.6
Educational Services	65	64	63	1	1	.9	2.3
Social Services	85	84	80	1	4	1.0	5.5
Membership Organizations	79	79	79	0	0	.3	.4
Engineering and Management Services	94	94	91	0	3	.2	3.4
Government	730	728	728	3	3	.4	.3
Federal Government	94	94	100	0	-6	-.1	-5.9
State Government	162	161	163	0	-1	.2	-.6
State Government Education	85	84	85	1	0	1.3	-.4
Local Government	475	472	465	3	9	.5	2.0
Local Government Education	276	273	268	3	8	1.2	3.0

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of approximately 12,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(In Thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
					1989
5,428	5,130	298	5.5	5.3	July
5,428	5,144	284	5.2	5.2	August
5,435	5,140	295	5.4	5.3	September
5,452	5,132	320	5.9	5.3	October
5,420	5,087	333	6.1	5.3	November
5,426	5,102	324	6.0	5.3	December
					1990
5,418	5,074	344	6.3	5.3	January
5,386	5,073	313	5.8	5.3	February
5,408	5,107	301	5.6	5.3	March
5,421	5,106	315	5.8	5.4	April
5,429	5,112	317	5.8	5.3	May
5,421	5,129	292	5.4	5.3	June
5,420	5,115	305	5.6	5.5	July
5,447	5,159	288	5.3	5.6	August
5,447	5,156	291	5.3	5.7	September
5,463	5,148	315	5.8	5.7	October
5,452	5,156	296	5.4	5.9	November
5,488	5,179	309	5.6	6.1	December
					1991
5,383	5,065	318	5.9	6.2	January
5,384	5,007	377	7.0	6.5	February
5,470	5,073	397	7.3	6.8	March
5,523	5,124	399	7.2	6.6	April
5,467	5,163	304	5.6	6.9	May
5,447	5,100	347	6.4	7.0	June
5,497	5,119	378	6.9	6.8	July

Ohio Nonagricultural Wage and Salary Employment

(In Thousands)

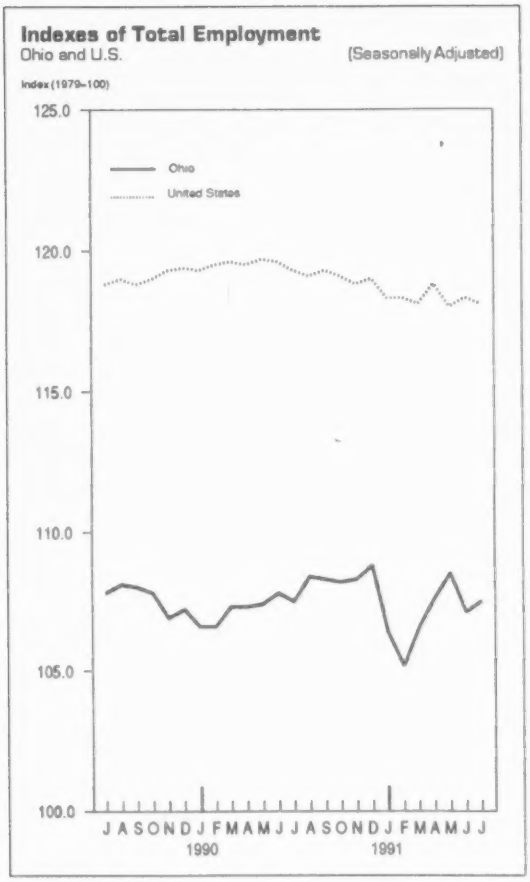
Nonagricultural Employment					
	Goods-Producing Employment				
Total	Total	Mining	Construction	Manufacturing	
					1989
4,816	1,329	16	194	1,119	July
4,830	1,336	18	195	1,122	August
4,834	1,332	18	196	1,119	September
4,830	1,322	18	194	1,110	October
4,845	1,332	18	196	1,119	November
4,854	1,330	18	196	1,117	December
					1990
4,840	1,314	18	199	1,097	January
4,873	1,337	18	204	1,116	February
4,888	1,338	18	204	1,117	March
4,878	1,332	18	199	1,115	April
4,895	1,332	18	198	1,117	May
4,903	1,334	18	197	1,119	June
4,903	1,328	18	196	1,114	July
4,910	1,329	18	197	1,115	August
4,911	1,328	17	197	1,113	September
4,921	1,329	17	197	1,115	October
4,913	1,318	17	198	1,103	November
4,914	1,316	17	199	1,100	December
					1991
4,919	1,315	17	200	1,098	January
4,911	1,300	17	202	1,081	February
4,913	1,296	17	202	1,077	March
4,907	1,297	17	201	1,079	April
4,916	1,297	17	200	1,080	May
4,922	1,301	17	201	1,083	June
4,922	1,294	17	200	1,077	July

Service-Producing Employment

(In Thousands)

Total	Transportation & Public Utilities		Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate		Services	Government
		1989				1989		
3,486	216	July	262	901	252	July	1,148	707
3,495	217	August	262	902	253	August	1,155	706
3,502	218	September	261	902	254	September	1,159	708
3,508	218	October	261	902	254	October	1,163	711
3,513	218	November	261	906	254	November	1,164	710
3,524	219	December	260	909	254	December	1,168	714
		1990				1990		
3,526	219	January	261	909	254	January	1,171	714
3,536	219	February	260	910	254	February	1,175	717
3,550	220	March	261	913	255	March	1,181	720
3,545	219	April	262	907	254	April	1,181	722
3,563	220	May	262	908	254	May	1,187	731
3,570	219	June	263	911	255	June	1,195	727
3,576	219	July	263	911	255	July	1,199	728
3,581	219	August	264	913	255	August	1,204	726
3,583	220	September	264	912	255	September	1,207	725
3,592	220	October	264	912	256	October	1,213	727
3,595	220	November	265	913	256	November	1,215	727
3,598	221	December	265	912	256	December	1,218	726
		1991				1991		
3,604	222	January	265	913	257	January	1,220	727
3,611	222	February	265	913	257	February	1,225	730
3,617	221	March	265	915	257	March	1,229	729
3,611	221	April	265	909	256	April	1,231	728
3,620	221	May	265	910	257	May	1,236	731
3,621	220	June	266	912	257	June	1,239	728
3,628	221	July	266	912	257	July	1,242	730

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.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Ohio and U.S.
(Seasonally Adjusted)
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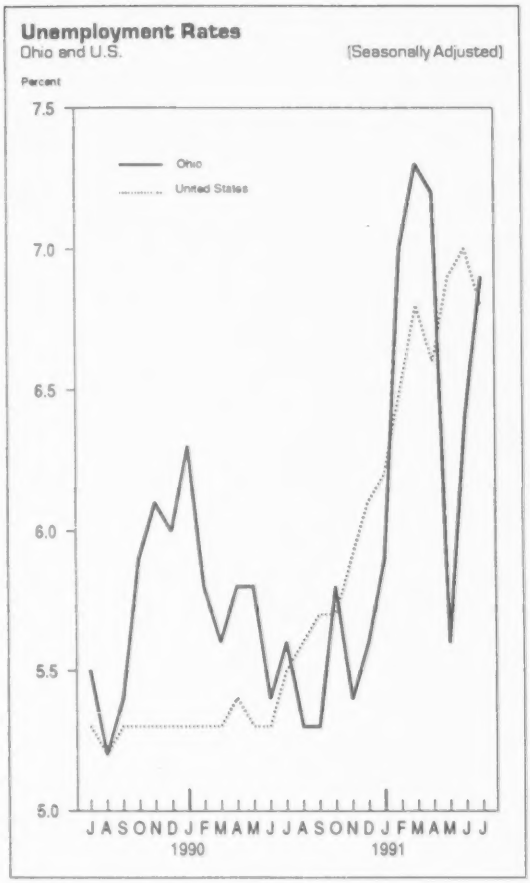
125.0
120.0
115.0
110.0
105.0
100.0
Ohio
United States
J A S O N D J F M A M J J A S O N D J F M A M J J
1990
1991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Ohio and U.S.
(Seasonally Adjusted)
Percent
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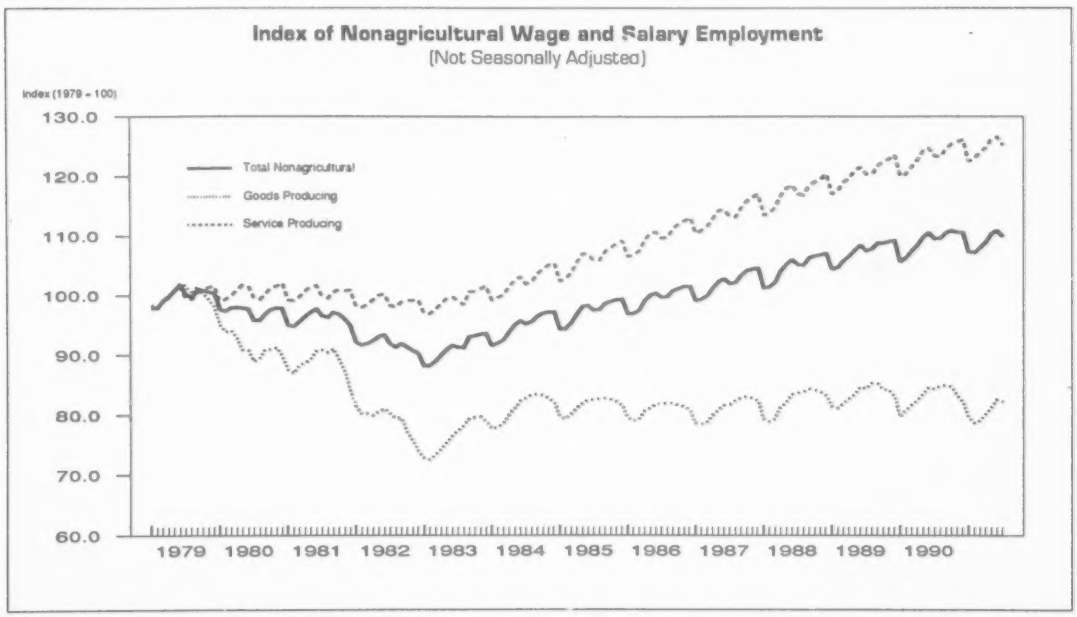
7.0
6.5
6.0
5.5
5.0
Ohio
United States
J A S O N D J F M A M J J A S O N D J F M A M J J
1990
1991


Index of Nonagricultural Wage and Salary Employment
(Not Seasonally Adjusted)
Index (1979 = 100)
130.0
120.0
110.0
100.0
90.0
80.0
70.0
60.0
Total Nonagricultural
Goods Producing
Service Producing
1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,135	4,680	455	8.9	7.2	1985
5,232	4,806	425	8.1	7.0	1986
5,253	4,886	367	7.0	6.2	1987
5,322	5,002	320	6.0	5.5	1988
5,419	5,118	300	5.5	5.3	1989
5,433	5,126	307	5.7	5.5	1990
					1990
5,472	5,194	278	5.1	5.5	July
5,504	5,245	258	4.7	5.4	August
5,436	5,177	259	4.8	5.5	September
5,493	5,187	306	5.6	5.4	October
5,463	5,176	287	5.3	5.8	November
5,484	5,169	315	5.7	5.9	December
					1991
5,357	4,968	389	7.3	7.0	January
5,341	4,932	409	7.7	7.2	February
5,417	5,004	414	7.6	7.1	March
5,473	5,087	386	7.1	6.5	April
5,445	5,154	292	5.4	6.6	May
5,508	5,152	356	6.5	6.9	June
5,546	5,197	349	6.3	6.7	July

Ohio Nonagricultural Wage and Salary Employment

(in thousands)

Nonagricultural Employment					
	Goods-Producing Employment				
Total	Total	Mining	Construction	Manufacturing	
4,367.4	1,462.5	30.7	167.4	1,264.3	1980
4,317.7	1,417.0	30.7	153.7	1,232.6	1981
4,124.3	1,264.8	30.3	134.6	1,099.9	1982
4,092.5	1,223.4	26.6	130.8	1,066.0	1983
4,260.2	1,299.7	27.8	144.8	1,127.0	1984
4,372.9	1,304.3	26.1	154.0	1,124.2	1985
4,471.4	1,293.1	22.6	160.7	1,109.8	1986
4,582.6	1,296.2	20.9	176.4	1,098.9	1987
4,700.6	1,315.1	18.9	185.6	1,110.6	1988
4,817.4	1,334.1	17.9	193.6	1,122.6	1989
4,895.8	1,327.8	17.6	198.5	1,111.7	1990
					1990
4,912.3	1,347.3	18.0	214.5	1,114.8	July
4,916.5	1,356.3	18.0	217.8	1,120.5	August
4,958.1	1,357.5	17.9	216.4	1,123.2	September
4,974.2	1,352.7	17.8	213.6	1,121.3	October
4,962.8	1,331.3	17.6	207.6	1,106.1	November
4,955.9	1,313.0	17.4	195.7	1,099.9	December
					1991
4,814.5	1,274.5	16.7	172.2	1,085.6	January
4,807.8	1,256.3	16.4	169.0	1,070.9	February
4,844.7	1,263.4	16.7	176.8	1,069.9	March
4,889.7	1,281.7	16.9	190.0	1,074.8	April
4,947.0	1,298.3	16.9	201.3	1,080.2	May
4,975.6	1,318.9	17.2	211.1	1,090.6	June
4,930.7	1,313.9	17.3	219.0	1,077.6	July

Service-Producing Employment

(in thousands)

Total	Transportation & Public Utilities		Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate		Services	Government
2,904.9	223.1	1980	231.7	725.5	203.8	1980	830.9	689.9
2,900.7	217.2	1981	233.6	716.5	205.8	1981	851.6	676.0
2,859.5	206.8	1982	227.1	702.3	206.4	1982	857.3	659.6
2,869.2	198.5	1983	223.6	709.9	207.8	1983	873.3	656.1
2,960.5	203.9	1984	237.9	746.8	211.5	1984	905.2	655.2
3,068.5	202.7	1985	245.1	786.5	219.3	1985	949.5	665.2
3,178.4	203.4	1986	245.7	817.1	232.3	1986	1,001.0	678.9
3,286.4	207.8	1987	249.4	846.9	243.8	1987	1,051.2	687.3
3,385.5	212.1	1988	256.4	877.4	249.0	1988	1,096.8	693.8
3,483.4	216.4	1989	261.0	900.1	252.4	1989	1,147.1	706.4
3,568.0	219.7	1990	262.8	910.8	254.9	1990	1,195.6	724.2
		1990				1990		
3,565.0	221.3	July	265.6	917.8	258.5	July	1,217.6	684.2
3,560.3	221.4	August	265.2	922.2	258.4	August	1,220.4	672.5
3,600.6	222.6	September	264.4	919.6	256.4	September	1,227.2	710.4
3,621.5	222.4	October	265.1	917.8	255.7	October	1,222.0	738.5
3,631.6	222.1	November	265.2	928.9	255.4	November	1,214.9	745.0
3,642.8	223.4	December	265.9	941.7	255.8	December	1,212.6	743.4
		1991				1991		
3,540.0	217.5	January	262.1	893.0	253.7	January	1,184.3	729.3
3,551.4	216.7	February	261.7	880.4	254.0	February	1,194.7	744.0
3,581.3	217.6	March	262.7	889.4	254.6	March	1,208.7	748.3
3,608.0	219.3	April	263.9	899.2	254.9	April	1,228.3	742.3
3,648.7	220.9	May	265.6	912.3	256.6	May	1,242.8	750.4
3,656.7	222.3	June	267.6	921.2	259.3	June	1,260.2	726.0
3,616.8	222.7	July	268.7	918.3	260.3	July	1,261.0	685.9

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.

Manufacturing Employment, Hours, and Earnings[a]

Not Seasonally Adjusted

Manufacturing Employment

Total (thousands)	Durable Goods (thousands)	Nondurable Goods (thousands)	
1,264.3	880.3	384.1	1980
1,232.6	858.2	374.4	1981
1,099.9	750.5	349.4	1982
1,066.0	721.9	344.1	1983
1,127.0	771.7	355.4	1984
1,124.2	767.0	357.3	1985
1,109.8	751.0	358.8	1986
1,098.9	738.9	360.0	1987
1,110.6	747.3	363.4	1988
1,122.6	754.7	367.9	1989
1,111.7	743.3	368.5	1990
			1990
1,114.8	745.0	369.9	July
1,120.5	748.4	372.2	August
1,123.2	748.0	375.2	September
1,121.3	746.9	374.4	October
1,106.1	734.4	371.7	November
1,099.9	729.8	370.1	December
			1991
1,085.6	718.1	367.5	January
1,070.9	706.7	364.2	February
1,069.9	706.3	363.6	March
1,074.8	710.8	364.0	April
1,080.2	714.6	365.5	May
1,090.6	721.8	368.8	June
1,077.6	713.1	364.5	July

Production Workers in Manufacturing

Production Workers (thousands)	Aggregate Weekly Payroll (millions)	Aggregate Weekly Hours (millions)	
867.8	$301.9	35.2	1980
847.7	330.4	34.7	1981
735.7	297.1	29.5	1982
721.6	315.5	29.9	1983
781.5	362.3	33.1	1984
773.4	369.7	32.5	1985
758.5	369.1	31.9	1986
751.4	375.5	32.0	1987
762.3	393.0	32.8	1988
770.4	403.3	32.9	1989
757.3	405.9	32.1	1990
			1990
757.4	403.0	32.0	July
763.2	409.7	32.4	August
766.3	426.7	33.1	September
765.0	418.7	32.6	October
749.8	410.8	32.0	November
743.7	403.9	31.5	December
			1991
731.1	394.6	30.7	January
717.4	377.1	29.6	February
716.7	383.1	29.7	March
721.5	385.9	29.9	April
727.7	395.4	30.3	May
736.6	413.6	31.3	June
724.0	402.7	30.6	July

Production Worker Average Weekly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$347.94	$358.57	$319.99	1980
389.78	401.64	358.16	1981
403.81	414.80	378.95	1982
437.18	452.35	402.52	1983
463.61	482.38	417.83	1984
477.96	499.56	425.80	1985
486.68	507.95	439.71	1986
499.70	519.52	455.03	1987
515.57	538.16	466.31	1988
523.50	542.23	478.19	1989
535.94	556.38	492.74	1990
			1990
532.14	550.35	491.99	July
536.78	555.93	493.92	August
556.85	581.16	504.38	September
547.41	571.43	496.78	October
547.84	568.43	503.37	November
543.13	562.22	501.06	December
			1991
539.70	559.99	497.90	January
525.71	541.86	492.79	February
534.52	551.20	498.08	March
534.89	552.78	497.25	April
543.35	561.79	503.40	May
561.43	584.99	510.25	June
556.25	576.22	511.94	July

Production Worker Average Weekly Hours

Manufacturing	Durable Goods	Nondurable Goods	
40.6	40.7	40.2	1980
40.9	40.9	40.7	1981
40.1	40.0	40.4	1982
41.4	41.5	41.2	1983
42.3	42.5	41.7	1984
42.0	42.3	41.3	1985
42.1	42.4	41.6	1986
42.6	42.9	41.9	1987
43.0	43.4	42.2	1988
42.7	43.0	41.8	1989
42.4	42.7	41.9	1990
			1990
42.2	42.4	41.8	July
42.4	42.6	42.0	August
43.2	43.5	42.6	September
42.6	42.9	42.1	October
42.7	42.9	42.3	November
42.3	42.4	42.0	December
			1991
42.0	42.2	41.7	January
41.2	41.3	41.1	February
41.5	41.6	41.3	March
41.4	41.5	41.3	April
41.7	41.8	41.5	May
42.5	42.7	42.1	June
42.3	42.4	42.1	July

Production Worker Average Hourly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$ 8.57	$ 8.81	$ 7.96	1980
9.53	9.82	8.80	1981
10.07	10.37	9.38	1982
10.56	10.90	9.77	1983
10.96	11.35	10.02	1984
11.38	11.81	10.31	1985
11.56	11.98	10.57	1986
11.73	12.11	10.86	1987
11.99	12.40	11.05	1988
12.26	12.61	11.44	1989
12.64	13.03	11.76	1990
			1990
12.61	12.98	11.77	July
12.66	13.05	11.76	August
12.89	13.36	11.84	September
12.85	13.32	11.80	October
12.83	13.25	11.90	November
12.84	13.26	11.93	December
			1991
12.85	13.27	11.94	January
12.76	13.12	11.99	February
12.88	13.25	12.06	March
12.92	13.32	12.04	April
13.03	13.44	12.13	May
13.21	13.70	12.12	June
13.15	13.59	12.16	July

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment and Average Weekly Earnings in Selected Major Manufacturing Industries[a]

Not Seasonally Adjusted

Employment
(thousands)

Stone, Clay, and Glass Products	Primary Metal Industries	Fabricated Metal Products		Industrial Machinery and Equipment	Electronic and Other Electric Equipment	Transportation Equipment		Food and Kindred Products	Printing and Publishing	Rubber and Miscellaneous Plastics Products
62.0	139.8	157.5	1980	219.2	96.5	136.6	1980	72.7	67.4	95.1
58.6	138.3	154.8	1981	211.8	92.3	136.4	1981	69.2	66.1	91.4
52.1	112.7	134.9	1982	183.4	84.7	121.1	1982	66.9	63.2	82.4
50.2	104.1	129.8	1983	160.1	81.7	131.6	1983	63.4	62.8	84.5
50.5	108.9	138.8	1984	173.1	85.4	144.4	1984	62.8	65.1	92.7
48.5	101.8	139.7	1985	171.7	83.2	150.6	1985	62.9	66.8	93.3
47.5	95.4	136.6	1986	163.9	82.0	153.2	1986	63.0	68.4	94.5
46.5	95.8	132.9	1987	160.3	79.9	148.8	1987	63.1	70.5	93.6
46.0	100.8	135.2	1988	163.9	80.0	142.8	1988	62.5	72.5	93.4
45.9	102.4	135.6	1989	167.7	79.9	143.8	1989	62.9	73.8	95.5
45.6	100.1	131.0	1990	165.2	79.2	143.6	1990	61.9	75.2	94.0
			1990				1990			
46.2	99.4	132.0	July	166.5	79.4	142.4	July	61.9	75.7	93.8
46.3	100.5	131.8	August	165.0	79.0	146.8	August	62.7	75.8	94.9
46.1	101.9	132.5	September	164.5	78.8	145.2	September	65.3	75.9	95.4
46.0	101.2	131.6	October	163.7	79.6	147.0	October	64.3	75.9	95.4
45.4	99.8	130.0	November	162.7	77.8	140.6	November	62.6	76.2	94.2
43.8	99.7	129.6	December	163.5	77.3	137.8	December	62.6	76.4	92.6
			1991				1991			
42.7	99.2	126.8	January	163.1	76.2	134.3	January	62.5	75.7	91.9
42.5	95.5	122.9	February	161.2	76.1	133.2	February	62.1	75.6	89.5
42.6	96.8	123.4	March	160.5	75.8	131.3	March	62.5	75.6	88.6
43.6	96.1	123.8	April	158.0	75.9	137.2	April	62.6	75.8	89.1
44.1	96.1	124.5	May	158.1	76.3	138.8	May	63.4	76.0	89.4
44.5	96.7	125.0	June	157.6	76.7	143.8	June	64.1	76.4	90.6
43.8	95.4	124.8	July	156.4	76.7	138.8	July	64.0	75.8	87.9

Average Weekly Earnings of Production Workers

$315.43	$422.01	$349.34	1980	$352.77	$316.31	$414.83	1980	$329.85	$320.92	$323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.63	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
470.37	626.44	513.17	1988	526.24	466.07	673.91	1988	446.04	445.22	446.95
478.67	619.61	508.09	1989	534.10	459.95	704.48	1989	458.39	457.81	446.05
490.33	644.57	519.96	1990	543.46	464.12	721.92	1990	476.99	475.60	451.36
			1990				1990			
493.06	644.36	506.75	July	539.71	456.84	722.67	July	475.57	469.66	458.55
495.20	649.82	524.97	August	546.08	465.12	706.55	August	485.78	472.03	452.19
501.38	684.71	543.99	September	552.42	477.75	787.45	September	492.59	487.62	461.58
492.26	666.45	539.33	October	558.54	472.73	740.44	October	475.45	484.41	456.20
486.78	660.93	530.88	November	559.33	479.63	736.20	November	500.98	490.84	446.08
486.97	643.99	522.42	December	555.52	484.97	716.13	December	507.91	493.68	443.21
			1991				1991			
488.31	650.32	518.32	January	548.70	475.69	724.55	January	482.89	479.50	449.90
490.31	599.23	501.39	February	532.98	472.73	703.50	February	469.68	485.10	443.48
499.31	624.75	511.60	March	537.20	477.99	715.29	March	497.20	484.31	447.12
494.56	635.58	516.89	April	532.97	475.26	704.33	April	478.74	483.15	453.46
492.96	639.84	525.26	May	534.59	474.85	736.59	May	509.50	477.97	458.59
500.41	676.02	553.24	June	551.23	491.30	766.46	June	507.37	473.98	480.39
506.75	679.26	536.54	July	549.50	483.60	748.18	July	506.51	493.29	475.57

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

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Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	4930.7	4975.6	4912.3	-44.9	18.4
Goods-Producing Industries	1313.9	1318.9	1347.3	-5.0	-33.4
Mining	17.3	17.2	18.0	.1	-.8
Coal Mining	6.6	6.6	6.9	.0	-.4
Oil and Gas Extraction	5.8	5.8	6.0	.1	-.1
Construction	219.0	211.1	214.5	7.9	4.6
General Building Contractors	51.2	49.7	50.4	1.5	.8
Nonresidential Building Construction	25.9	25.3	25.8	.6	.2
Heavy Construction, Except Building	29.0	28.1	28.1	.9	.9
Highway and Street Construction	11.4	11.1	10.7	.4	.7
Special Trade Contractors	138.8	133.2	135.9	5.5	2.9
Manufacturing	1077.6	1090.6	1114.8	-13.0	-37.2
Durable Goods[f]	713.1	721.8	745.0	-8.7	-31.9
Lumber and Wood Products	21.5	21.5	22.1	.0	-.5
Millwork, Plywood and Structural Members	10.0	9.9	10.2	.1	-.2
Furniture and Fixtures	15.2	15.3	15.1	-.1	.1
Stone, Clay, and Glass Products	43.8	44.5	46.2	-.7	-2.4
Primary Metal Industries	95.4	96.7	99.4	-1.3	-4.0
Blast Furnace and Basic Steel Products	44.2	44.5	46.4	-.3	-2.2
Iron and Steel Foundries	18.3	18.6	19.3	-.3	-1.0
Nonferrous Rolling and Drawing	15.5	15.9	15.8	-.4	-.4
Nonferrous Foundries	10.1	10.3	10.4	-.2	-.3
Fabricated Metal Products	124.8	125.0	132.0	-.2	-7.2
Fabricated Structural Metal Products	27.7	27.6	29.3	.1	-1.6
Metal Forgings and Stampings	36.1	36.1	38.1	.0	-2.0
Industrial Machinery and Equipment	156.4	157.6	166.3	-1.2	-9.9
Construction and Related Machinery	11.6	11.9	13.4	-.3	-1.8
Metalworking Machinery	46.2	46.4	48.6	-.2	-2.4
Special Industry Machinery	14.5	14.9	16.7	-.3	-2.1
General Industrial Machinery	24.9	24.8	26.0	.1	-1.1
Computer and Office Equipment	10.8	10.7	11.5	.1	-.7
Refrigeration and Service Machinery	15.2	15.2	15.9	.0	-.7
Electronic and Other Electric Equipment	76.7	76.7	79.4	-.1	-2.7
Electrical Industrial Apparatus	11.5	11.6	12.0	-.1	-.6
Household Appliances	14.7	14.8	15.8	-.1	-1.1
Electric Lighting and Wiring Equipment	15.9	16.0	16.3	-.1	-.4
Electronic Components and Accessories	11.1	11.2	11.9	-.1	-.8
Transportation Equipment	138.8	143.8	142.4	-5.0	-3.6
Motor Vehicles and Equipment	96.4	101.1	96.3	-4.7	.1
Aircraft and Parts	35.1	35.6	37.7	-.4	-2.6
Instruments and Related Products	25.6	25.8	26.3	-.2	-.7
Measuring and Controlling Devices	14.6	14.7	15.6	-.1	-1.0
Nondurable Goods[g]	364.5	368.8	369.9	-4.3	-5.3
Food and Kindred Products	64.0	64.1	61.9	-.1	2.2
Dairy Products	10.7	10.7	10.1	.0	.6
Preserved Fruits and Vegetables	10.5	10.9	10.4	-.4	.1
Bakery Products	9.7	9.6	9.4	.1	.3
Apparel and Other Textile Products	14.2	14.5	14.7	-.3	-.5
Paper and Allied Products	37.4	37.5	37.7	.0	-.2
Paperboard Containers and Boxes	13.6	13.8	13.3	-.2	.3
Miscellaneous Converted Paper Products	11.8	11.8	12.3	.0	-.5
Printing and Publishing	75.8	76.4	75.7	-.6	.1
Newspapers	18.6	18.6	19.1	.0	-.5
Commercial Printing	28.3	28.6	27.7	-.4	.6
Chemicals and Allied Products	66.5	67.3	66.8	-.8	-.3
Plastics Materials and Synthetics	9.7	9.7	9.8	.0	-.1
Rubber and Miscellaneous Plastics Products	87.9	90.6	93.8	-2.7	-5.9
Tires and Inner Tubes	14.2	14.7	14.7	-.5	-.6
Miscellaneous Plastics Products	55.0	56.7	57.2	-1.6	-2.1
Service-Producing Industries	3616.8	3656.7	3565.0	-39.9	51.8
Transportation and Public Utilities	222.7	222.3	221.3	.4	1.4
Transportation	130.7	130.9	128.6	-.1	2.1
Railroad Transportation	11.4	11.4	12.4	.0	-1.0
Trucking and Warehousing	77.1	76.7	76.4	.4	.7
Transportation by Air	16.0	15.7	14.3	.2	1.7
Communications, Electric, Gas Services	91.9	91.4	92.6	.5	-.7
Communications	48.0	47.8	48.4	.2	-.5
Electric, Gas, and Sanitary Services	44.0	43.6	44.2	.3	-.2

See footnotes on page 13.

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio (continued)

	Employment (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Wholesale Trade	268.7	267.6	265.6	1.0	3.1
Wholesale Trade-Durable Goods	166.5	166.1	165.8	.4	.8
Motor Vehicles, Parts, and Supplies	22.0	22.2	22.3	-.2	-.2
Professional and Commercial Equipment	32.5	32.2	32.3	.3	.3
Metals and Minerals, Except Petroleum	10.9	11.0	11.2	-.1	-.3
Electrical Goods	17.4	17.4	17.7	.1	-.2
Hardware, Plumbing and Heating Equipment	12.6	12.5	12.6	.1	.0
Machinery, Equipment, and Supplies	41.7	41.6	41.1	.1	.5
Wholesale Trade-Nondurable Goods	102.1	101.5	99.8	.6	2.3
Groceries and Related Products	35.0	34.7	33.9	.2	1.1
Retail Trade	918.3	921.2	917.8	-2.9	.4
Building Materials and Garden Supplies	35.3	36.5	36.1	-1.2	-.9
Lumber and Other Building Materials	18.1	18.5	18.5	-.4	-.4
General Merchandise Stores	119.7	120.0	123.9	-.3	-4.2
Department Stores	99.7	100.0	103.2	-.3	-3.5
Variety Stores	9.8	9.7	10.2	.1	-.5
Food Stores	141.3	140.9	141.8	.3	-.6
Grocery Stores	125.6	125.1	125.8	.5	-.2
Automotive Dealers and Service Stations	99.0	99.1	100.4	-.1	-1.4
New and Used Car Dealers	41.3	41.5	42.5	-.2	-1.3
Gasoline Service Stations	35.7	35.6	36.0	.1	-.3
Apparel and Accessory Stores	49.7	49.6	48.1	.1	1.7
Furniture and Homefurnishings Stores	31.3	31.3	30.9	.0	.4
Eating and Drinking Places	323.4	325.4	321.2	-2.0	2.3
Miscellaneous Retail	118.5	118.3	115.4	.2	3.1
Drug Stores and Proprietary Stores	31.2	31.4	30.7	-.1	.5
Nonstore Retailers	23.3	23.1	22.5	.2	.8
Finance, Insurance, and Real Estate	260.3	259.3	258.5	1.0	1.7
Finance	121.9	121.7	122.0	.2	-.1
Depository Institutions	90.1	90.0	90.8	.0	-.8
Commercial Banks	64.9	64.8	64.7	.1	.2
Insurance	92.0	91.6	91.1	.4	.9
Insurance Carriers	69.9	69.6	69.5	.3	.4
Life Insurance	25.4	25.5	25.2	-.1	.2
Fire, Marine, and Casualty Insurance	31.3	31.0	31.1	.3	.2
Real Estate	46.3	45.9	45.4	.4	.9
Services	1261.0	1260.2	1217.6	.8	43.5
Hotels and Other Lodging Places	43.6	42.8	42.0	.9	1.6
Personal Services	54.7	54.9	53.7	-.3	1.0
Business Services	234.6	231.9	223.4	2.7	11.2
Services to Buildings	35.0	35.1	34.4	-.1	.6
Personnel Supply Services	82.1	80.9	78.7	1.2	3.4
Computer and Data Processing Services	30.3	29.8	28.1	.4	2.2
Amusements, Including Motion Pictures	78.1	77.3	76.6	.9	1.5
Health Services	414.1	411.0	399.3	3.0	14.7
Nursing and Personal Care Facilities	88.9	88.3	86.2	.6	2.7
Hospitals	197.2	195.6	191.7	1.5	5.5
Legal Services	30.9	30.6	29.8	.2	1.1
Educational Services	52.6	59.0	51.4	-6.4	1.2
Colleges and Universities	27.5	30.9	26.8	-3.4	.7
Social Services	83.8	83.3	79.4	.5	4.4
Residential Care	25.2	24.8	23.9	.4	1.3
Membership Organizations	80.3	80.7	79.9	-.4	.3
Engineering and Management Services	95.0	94.5	91.8	.5	3.2
Engineering and Architectural Services	30.4	30.1	28.9	.3	1.5
Accounting, Auditing, and Bookkeeping	21.7	21.6	21.0	.1	.7
Research and Testing Services	19.9	19.8	19.8	.0	.1
Management and Public Relations	23.0	22.9	22.2	.1	.8
Government	685.9	726.0	684.2	-40.2	1.7
Federal Government	94.5	94.5	100.4	.0	-5.9
U.S. Postal Service	33.0	33.1	33.9	.0	-.8
State Government	143.4	158.2	144.3	-14.8	-1.0
State Government Hospitals	15.3	15.4	15.9	-.2	-.6
State Government Education[h]	64.4	78.8	64.7	-14.5	-.3
Local Government	448.0	473.4	439.5	-25.4	8.5
Local Government Hospitals	14.8	14.7	14.3	.1	.5
Local Government Education	238.5	267.5	231.5	-29.0	7.0

See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Goods-Producing Industries	$569.21	$574.14	$548.77	41.7	42.0	41.7	$13.65	$13.67	$13.16
Mining	602.99	605.93	606.63	43.6	44.1	43.8	13.83	13.74	13.85
Coal Mining	730.60	727.92	707.65	42.8	43.2	41.7	17.07	16.85	16.97
Construction	627.90	634.39	616.10	39.0	39.6	38.7	16.10	16.02	15.92
General Building Contractors	554.13	560.00	544.31	39.3	40.0	39.5	14.10	14.00	13.78
Heavy Construction, Except Building	708.90	741.30	620.46	41.7	43.3	38.3	17.00	17.12	16.20
Special Trade Contractors	632.33	631.02	637.29	38.3	38.5	38.6	16.51	16.39	16.51
Manufacturing	556.25	561.43	532.14	42.3	42.5	42.2	13.15	13.21	12.61
Durable Goods[f]	576.22	584.99	550.35	42.4	42.7	42.4	13.59	13.70	12.98
Lumber and Wood Products	342.69	342.23	311.54	40.7	40.5	38.7	8.42	8.45	8.05
Millwork, Plywood and Structural Members	403.26	408.16	359.68	42.9	43.1	41.2	9.40	9.47	8.73
Furniture and Fixtures	398.53	395.08	388.03	41.6	41.5	41.5	9.58	9.52	9.35
Stone, Clay, and Glass Products	506.75	500.41	493.06	42.3	42.3	42.8	11.98	11.83	11.52
Primary Metal Industries	679.26	676.02	644.36	44.6	44.3	44.5	15.23	15.26	14.48
Blast Furnace and Basic Steel Products	713.91	712.24	666.08	46.6	46.4	46.0	15.32	15.35	14.48
Iron and Steel Foundries	717.40	719.92	659.37	42.5	42.7	42.9	16.88	16.86	15.37
Nonferrous Rolling and Drawing	661.30	673.91	689.67	39.2	39.9	41.9	16.87	16.89	16.46
Nonferrous Foundries	509.65	503.24	476.28	46.8	46.0	44.1	10.89	10.94	10.80
Fabricated Metal Products	536.54	553.24	506.75	41.4	42.2	41.3	12.96	13.11	12.27
Fabricated Structural Metal Products	480.78	464.54	469.56	42.1	41.7	42.0	11.42	11.14	11.18
Metal Forgings and Stampings	668.10	712.44	622.82	41.6	43.1	41.8	16.06	16.53	14.90
Industrial Machinery and Equipment	549.50	551.23	539.71	42.4	42.5	42.8	12.96	12.97	12.61
Construction and Related Machinery	464.92	468.07	443.00	39.3	39.4	39.1	11.83	11.88	11.33
Metalworking Machinery	509.12	525.16	516.34	41.8	42.8	43.1	12.18	12.27	11.98
Special Industry Machinery	527.83	521.30	501.38	43.5	42.8	43.0	12.19	12.18	11.66
General Industrial Machinery	627.10	645.62	630.78	43.7	44.1	44.8	14.35	14.64	14.08
Computer and Office Equipment	519.02	473.18	477.36	42.3	40.1	41.8	12.27	11.80	11.42
Refrigeration and Service Machinery	603.64	616.90	598.33	42.6	42.9	41.9	14.17	14.38	14.28
Electronic and Other Electric Equipment	483.80	491.30	456.84	41.0	41.6	40.5	11.80	11.81	11.28
Electrical Industrial Apparatus	468.72	466.21	468.27	42.0	41.7	43.0	11.16	11.18	10.89
Household Appliances	481.93	494.90	472.33	39.6	40.4	39.1	12.17	12.25	12.08
Electric Lighting and Wiring Equipment	528.52	518.49	471.62	40.1	40.1	39.4	13.18	12.93	11.97
Electronic Components and Accessories	357.84	357.73	338.99	42.0	41.5	40.5	8.52	8.62	8.37
Transportation Equipment	748.18	766.46	722.67	43.6	44.1	44.2	17.16	17.38	16.35
Motor Vehicles and Equipment	765.14	792.08	750.27	43.4	44.3	44.5	17.63	17.88	16.86
Aircraft and Parts	718.91	689.41	670.70	45.3	43.8	44.3	15.87	15.74	15.14
Instruments and Related Products	391.10	401.76	394.76	38.8	39.7	40.2	10.08	10.12	9.82
Measuring and Controlling Devices	390.91	400.14	386.91	38.1	39.0	39.4	10.26	10.26	9.82
Nondurable Goods[g]	511.94	510.25	491.99	42.1	42.1	41.8	12.16	12.12	11.77
Food and Kindred Products	506.51	507.37	475.57	42.6	42.6	41.9	11.89	11.91	11.35
Dairy Products	491.42	497.64	487.56	42.4	42.9	43.3	11.59	11.60	11.26
Preserved Fruits and Vegetables	548.70	550.38	472.42	42.7	42.5	39.5	12.85	12.95	11.96
Bakery Products	493.64	499.20	505.47	38.9	39.0	40.6	12.69	12.80	12.45
Apparel and Other Textile Products	301.82	303.01	305.37	38.4	38.6	39.1	7.86	7.85	7.81
Paper and Allied Products	541.79	535.37	524.94	44.3	44.1	44.6	12.23	12.14	11.77
Paperboard Containers and Boxes	475.20	468.90	470.98	44.0	43.7	44.6	10.80	10.73	10.56
Miscellaneous Converted Paper Products	502.57	479.12	483.99	43.4	42.4	43.8	11.58	11.30	11.05
Printing and Publishing	493.29	473.98	469.66	40.5	39.4	39.6	12.18	12.03	11.86
Newspapers	379.60	382.32	373.56	32.5	32.4	33.0	11.68	11.80	11.32
Commercial Printing	506.68	462.70	471.71	42.4	40.2	40.7	11.95	11.51	11.59
Chemicals and Allied Products	611.40	608.69	604.76	43.3	43.2	42.8	14.12	14.09	14.13
Plastics Materials and Synthetics	689.04	678.83	663.81	43.5	43.1	43.5	15.84	15.75	15.26
Rubber and Miscellaneous Plastics Products	475.57	480.39	458.55	41.9	42.4	41.8	11.35	11.33	10.97
Tires and Inner Tubes	737.66	735.15	724.50	43.7	44.1	45.0	16.88	16.67	16.10
Miscellaneous Plastics Products	463.98	466.57	442.15	41.8	42.3	41.4	11.10	11.03	10.68
Service-Producing Industries	.....	.....	.....	....	....	....	.....	.....	.....
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	665.52	654.84	629.16	43.3	42.8	42.0	15.37	15.30	14.98
Communications	650.69	646.90	578.71	43.7	43.3	40.3	14.89	14.94	14.36
Electric, Gas, and Sanitary Services	684.68	666.23	687.72	42.9	42.3	44.0	15.96	15.75	15.63
Wholesale Trade	425.96	427.28	417.20	38.9	39.2	39.1	10.95	10.90	10.67
Wholesale Trade-Durable Goods	422.37	423.65	413.17	39.0	39.3	39.2	10.83	10.78	10.54
Motor Vehicles, Parts, and Supplies	354.20	352.80	359.28	38.5	38.6	38.1	9.20	9.14	9.43
Metals and Minerals, Except Petroleum	497.03	489.72	466.07	42.3	42.0	41.1	11.75	11.66	11.34
Wholesale Trade-Nondurable Goods	432.62	434.01	424.32	38.8	39.1	39.0	11.15	11.10	10.88

See footnotes on page 13.

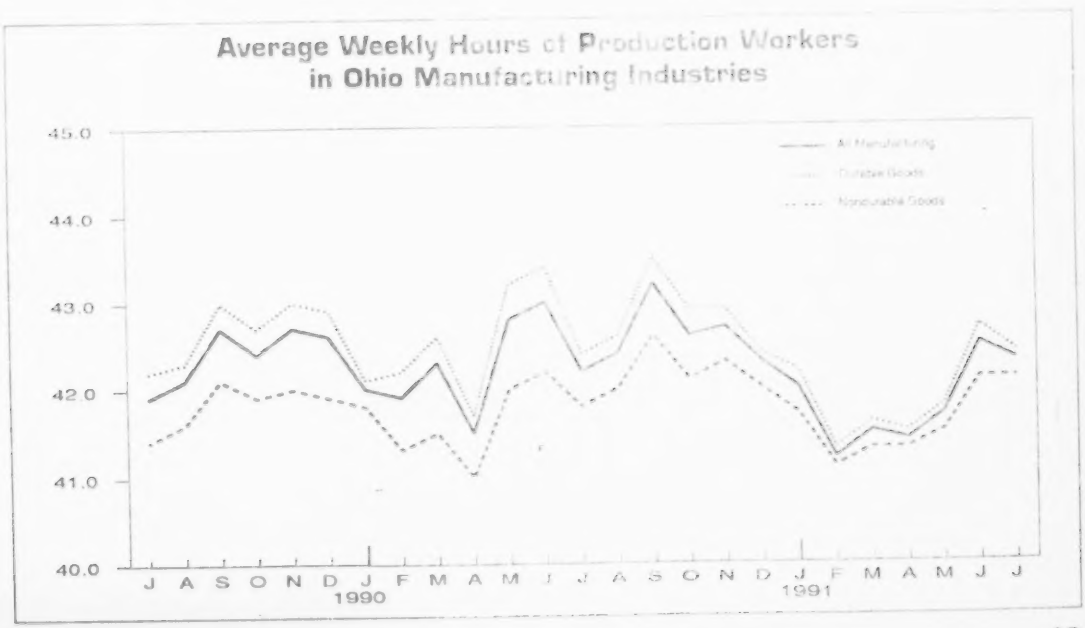
Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

(Inc. (continued))

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[r]	Jun. 1991[r]	Jul. 1990[r]	Jul. 1991[r]	Jun. 1991[r]	Jul. 1990[r]	Jul. 1991[p]	Jun. 1991[r]	Jul. 1990[r]
Retail Trade[i]	$190.19	$187.81	$180.31	28.6	28.2	28.4	$ 6.65	$ 6.66	$ 6.36
General Merchandise Stores	213.60	206.48	195.16	30.1	29.2	28.8	7.12	7.12	6.79
Department Stores	228.70	217.75	207.14	31.4	29.8	29.1	7.28	7.26	6.90
Finance, Insurance, and Real Estate	361.49	360.12	352.02						
Finance	339.85	338.74	324.41						
Depository Institutions	284.06	283.67	267.63						
Commercial Banks	273.18	272.78	257.75						
Insurance	433.70	433.46	440.70						
Insurance Carriers	420.34	419.66	426.29						
Life Insurance	301.66	300.75	315.74						
Fire, Marine, and Casualty Insurance	460.17	459.31	456.73						
Services	292.02	290.62	287.11	33.0	32.4	32.9	7.84	8.05	7.52
Business Services	329.81	325.71	313.35	31.5	31.5	31.9	10.47	10.34	9.98
Health Services	230.08	230.84	216.53	32.0	32.0	32.1	7.19	7.05	6.73
Nursing and Personal Care Facilities	361.92	366.38	317.47	32.6	32.3	32.7	11.92	11.81	11.48
Hospitals	516.20	520.51	483.03	36.6	36.7	35.4	14.50	14.64	13.70
Engineering and Management Services	704.80	729.62	667.68	34.4	34.7	32.6	20.49	20.92	20.48
Engineering and Architectural Services	416.77	423.51	397.60	35.2	36.2	35.7	11.84	11.84	10.83

[a]See Technical Notes for concepts. [p]Preliminary. [r]Revised. [i]Based on incomplete figures. [j]Includes miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities; State schools for the deaf and blind; and the State library. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [l]Money payments only; tips not included. [c]Caused due to labor management disputes.



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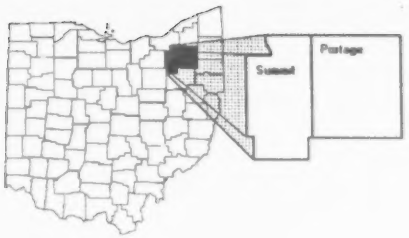
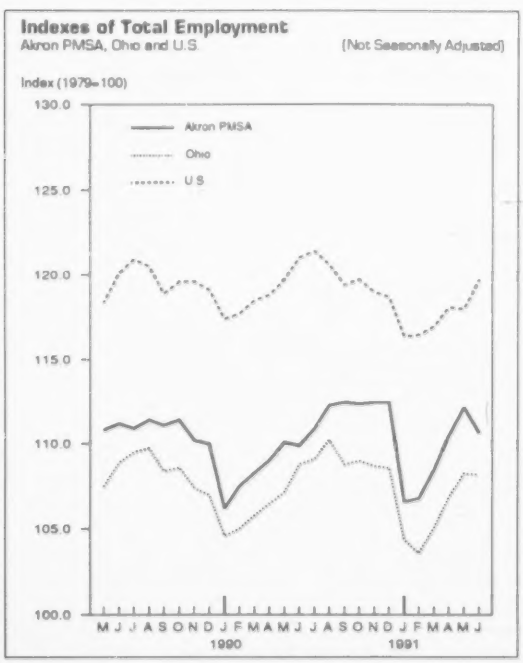
Akron Primary Metropolitan Statistical Area

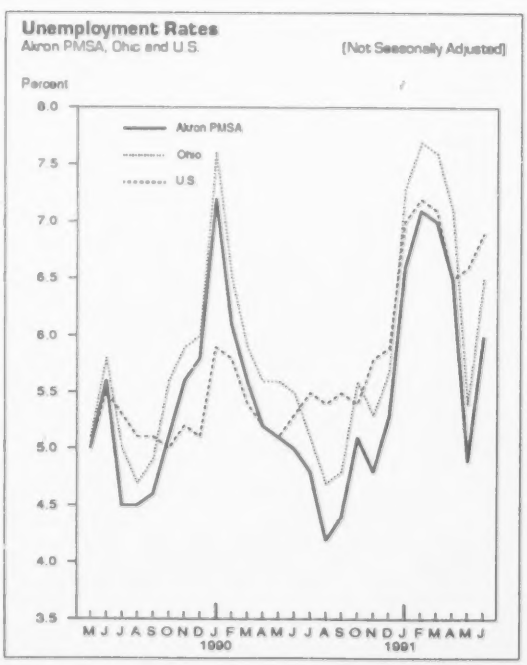


Nonfarm payroll employment in the Akron metropolitan area dropped 1,600 below the June level to 285,200 in July 1991. Temporary layoffs of nonteaching personnel in local schools helped lower employment in the service-producing sector 1,400. The number of employees in goods-producing industries totaled 78,100, down 200 over the month as scattered declines in manufacturing outweighed nominal gains in construction employment. Reductions occurred in industrial machinery and equipment, fabricated metal products, and rubber and miscellaneous plastics products. Factory production workers averaged $12.25 per hour, up 13 cents from June. Their average workweek of 43.0 hours was 0.3 hours longer.

Nonagricultural wage and salary employment advanced 1,100 between July 1990 and July 1991. Growth in service-producing industries created 1,600 jobs. Expansion in services, especially health services, more than offset decreases in state schools and colleges. Reductions in manufacturing lowered employment in goods-producing industries 600. Over-the-year cutbacks in industrial machinery and equipment, fabricated metal products, and rubber and miscellaneous plastics products negated a modest gain in food and kindred products.

Seasonally adjusted employment in the Akron area decreased 1,000 from June to 286,000 in July 1991. Total nonfarm payroll employment was unchanged from July 1990. Expansion in services counterbalanced declines in government and manufacturing.





Akron PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	$361.88	41.5	$ 8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
320.3	297.5	22.7	7.1	1987	265.1	66.4	36.5	487.03	43.1	11.30
324.9	305.2	19.7	6.1	1988	272.7	66.2	37.7	502.28	43.3	11.60
331.6	313.7	17.8	5.4	1989	281.0	67.3	39.3	495.75	42.7	11.61
332.3	314.9	17.3	5.2	1990	285.9	67.0	38.2	510.60	42.8	11.93
				1990						
332.4	316.5	15.9	4.8	July	284.1	66.8	37.9	509.92	42.6	11.97
334.4	320.5	13.9	4.2	August	285.2	67.0	38.1	529.40	43.5	12.17
335.8	321.1	14.7	4.4	September	292.1	67.7	38.7	529.91	43.4	12.21
337.9	320.8	17.1	5.1	October	291.7	68.3	39.3	519.16	42.8	12.13
337.5	321.2	16.3	4.8	November	292.3	68.0	39.1	515.81	43.2	11.94
339.2	321.1	18.1	5.3	December	292.0	68.0	39.1	515.66	42.9	12.02
				1991						
326.0	304.3	21.6	6.6	January	279.7	67.3	38.6	507.03	42.5	11.93
328.0	304.7	23.3	7.1	February	282.0	65.6	36.8	484.38	41.4	11.70
333.1	309.7	23.4	7.0	March	285.0	66.3	37.6	489.70	41.5	11.80
337.4	315.3	22.1	6.5	April	288.1	66.2	37.4	493.44	41.5	11.89
337.0	320.3	16.7	4.9	May	292.2	66.5	37.9	504.78	42.1	11.99
336.0	315.8	20.2	6.0	June	286.8	66.7	38.1	517.52	42.7	12.12
INA	INA	INA	INA	July	285.2	66.2	37.7	526.75	43.0	12.25

INA – Information not available

Akron PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
262	88	8	79	1980	175	14	12	45	9	50	44
260	84	8	76	1981	175	14	13	45	9	52	42
249	76	7	68	1982	173	13	12	45	9	52	41
245	73	7	65	1983	172	13	12	45	9	52	41
252	76	8	68	1984	176	13	13	47	9	53	41
258	77	8	68	1985	180	13	13	49	10	54	42
261	76	9	67	1986	184	13	14	50	10	56	42
265	76	9	66	1987	189	13	14	52	11	58	42
273	76	10	66	1988	196	13	15	53	11	62	43
281	78	10	67	1989	203	13	15	55	10	66	44
286	78	11	67	1990	208	14	15	54	11	69	45
				1990							
286	78	10	67	July	208	14	15	54	11	70	45
287	78	10	67	August	209	14	15	54	11	70	45
287	78	10	67	September	209	14	15	54	11	70	45
287	79	10	68	October	209	14	15	54	11	70	45
288	79	10	68	November	210	14	15	54	11	71	45
289	79	11	68	December	210	14	15	55	11	71	45
				1991							
289	78	10	68	January	209	14	15	54	11	71	45
287	77	10	66	February	210	14	15	54	11	71	45
288	78	10	67	March	210	14	15	54	11	71	45
288	77	10	66	April	211	14	15	54	11	72	45
289	77	10	66	May	211	14	15	54	11	72	46
287	77	10	66	June	209	14	15	54	11	73	43
286	77	10	66	July	209	14	15	54	11	73	43

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	285.2	286.8	284.1	-1.6	1.1
Goods-Producing Industries[e]	78.1	78.3	78.7	-.2	-.6
Construction	11.3	11.1	11.3	.2	.0
Manufacturing	66.2	66.7	66.8	-.4	-.5
Durable Goods[f]	33.4	33.8	34.4	-.4	-1.0
Fabricated Metal Products	10.2	10.2	10.4	-.1	-.2
Fabricated Structural Metal Products	4.4	4.3	4.7	.0	-.3
Industrial Machinery and Equipment	9.0	9.3	10.1	-.3	-1.1
Metalworking Machinery	4.2	4.2	4.0	.0	.2
Electronic and Other Electric Equipment	2.5	2.5	2.5	.0	.0
Transportation Equipment	4.8	4.8	4.8	.0	.0
Nondurable Goods[g]	32.8	32.9	32.4	-.1	.5
Food and Kindred Products	3.5	3.5	3.2	.0	.4
Chemicals and Allied Products	3.6	3.6	3.5	.0	.0
Rubber and Miscellaneous Plastics Products	19.2	19.2	19.3	-.1	-.2
Tires and Inner Tubes	10.2	10.2	10.3	.0	-.1
Service-Producing Industries	207.0	208.4	205.4	-1.4	1.6
Transportation and Public Utilities	13.9	14.0	13.9	-.1	.0
Communications, Electric, Gas Services	5.5	5.5	5.5	.0	.0
Wholesale Trade	14.9	14.9	15.1	.0	-.2
Retail Trade	54.1	54.3	54.2	-.2	-.1
General Merchandise Stores	5.6	5.7	5.4	-.1	.2
Food Stores	9.0	8.9	9.0	.1	.0
Finance, Insurance, and Real Estate	10.9	10.9	11.0	.0	.0
Finance	5.4	5.4	5.4	.0	.0
Services	75.2	75.2	72.0	.0	3.2
Business Services	12.3	12.5	12.0	-.2	.3
Personnel Supply Services	3.5	3.5	3.4	-.1	.1
Amusements, Including Motion Pictures	7.8	7.7	7.4	.1	.4
Health Services	23.8	23.5	22.6	.3	1.2
Nursing and Personal Care Facilities	4.0	4.0	3.7	.0	.3
Hospitals	11.8	11.7	11.4	.1	.5
Social Services	5.6	5.6	5.2	.0	.4
Engineering and Management Services	5.5	5.4	5.1	.1	.4
Government	38.0	39.2	39.3	-1.1	-1.3
Federal Government	2.5	2.5	2.7	.0	-.2
State Government	10.3	10.2	11.5	.1	-1.3
State Government Education[h]	7.3	7.3	8.5	.0	-1.2
Local Government	25.3	26.5	25.1	-1.2	.2
Local Government Education	12.2	13.5	12.3	-1.3	-.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

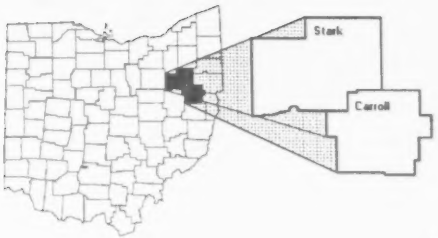
Not Seasonally Adjusted

Akron PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$526.75	$517.52	$509.92	43.0	42.7	42.6	$12.25	$12.12	$11.97
Durable Goods[f]	525.53	527.39	515.74	42.9	43.3	42.8	12.25	12.18	12.05
Fabricated Metal Products	634.11	629.82	624.94	41.8	42.1	42.6	15.17	14.96	14.67
Fabricated Structural Metal Products	515.85	503.10	488.80	41.5	42.1	41.6	12.43	11.95	11.75
Industrial Machinery and Equipment	510.01	516.90	480.48	45.7	46.4	44.0	11.16	11.14	10.92
Metalworking Machinery	545.55	576.95	524.77	45.5	47.8	45.2	11.99	12.07	11.61
Electronic and Other Electric Equipment	448.38	427.81	440.77	42.3	40.9	42.3	10.60	10.46	10.42
Transportation Equipment	640.07	640.48	616.59	42.7	42.5	42.7	14.99	15.07	14.44
Nondurable Goods[g]	528.77	504.48	502.02	43.2	41.9	42.4	12.24	12.04	11.84
Food and Kindred Products	371.20	384.92	388.48	37.8	38.3	39.6	9.82	10.05	9.81
Chemicals and Allied Products	584.75	549.83	542.63	43.9	42.1	43.1	13.32	13.06	12.59
Rubber and Miscellaneous Plastics Products	544.89	535.04	525.67	44.3	44.0	44.1	12.30	12.16	11.92
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	659.46	624.77	587.89	43.5	42.3	40.6	15.16	14.77	14.48
Wholesale Trade	378.60	384.00	357.92	37.3	37.5	36.3	10.15	10.24	9.86
Retail Trade[i]	227.43	227.02	223.17	31.5	31.4	31.3	7.22	7.23	7.13
General Merchandise Stores	200.51	201.02	195.88	29.4	28.8	29.5	6.82	6.98	6.64
Food Stores	336.18	336.92	321.41	39.0	38.2	38.4	8.62	8.82	8.37
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	306.19	300.04	284.90	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

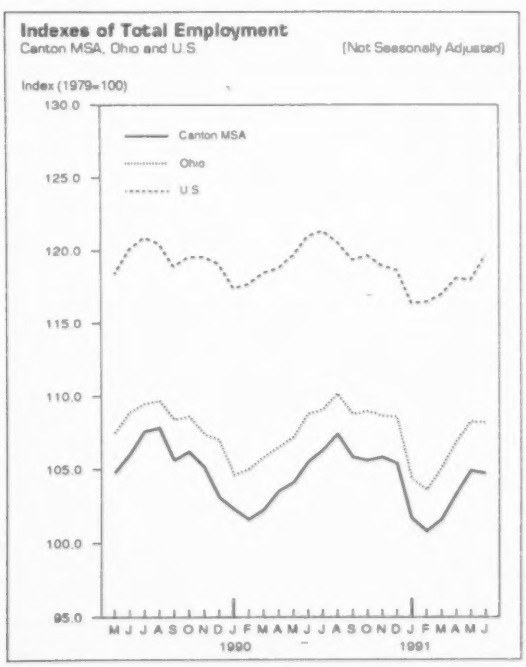
Canton Metropolitan Statistical Area

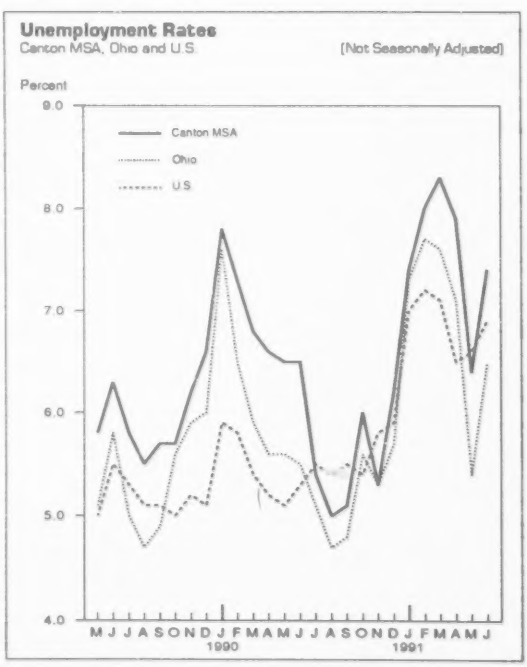


In the Canton metropolitan area, nonfarm payroll employment dropped 1,000 below the June level to 166,400 in July 1991. Temporary layoffs of nonteaching personnel in local schools lowered employment in service-producing industries 700. Employment in the goods-producing sector declined 400 over the month to 52,000. Scattered reductions among manufacturers of durable goods and rubber and miscellaneous plastics products outweighed seasonal gains in construction employment. Factory production workers averaged $11.26 per hour, down 13 cents from June. Their average workweek of 41.2 hours was 0.3 hours shorter.

Nonagricultural wage and salary employment declined 800 between July 1990 and July 1991. Over-the-year cutbacks in manufacturing lowered employment in the goods-producing sector 2,100. Noteworthy reductions occurred in rubber and miscellaneous plastics products (-1,100) and fabricated metal products (-500). The workforce in service-producing industries advanced 1,300 during the period due to expansion in services.

Seasonally adjusted employment in the Canton area decreased 1,000 from June to 165,000 in July 1991 mainly due to a decline in construction. Since July 1990, nonfarm payroll employment fell 1,000 as reductions in manufacturing and government more than offset growth in services.





Canton MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	$342.81	39.0	$ 8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
190.4	174.7	15.7	8.2	1987	156.4	44.0	31.2	475.15	41.9	11.34
190.5	178.0	12.6	6.6	1988	160.1	45.3	32.4	462.21*	42.6*	10.85*
194.3	182.5	11.8	6.1	1989	164.5	45.7	32.6	466.91	41.8	11.17
193.8	181.8	12.0	6.2	1990	166.0	44.8	31.3	481.37	42.3	11.38
				1990						
195.2	184.6	10.6	5.4	July	167.2	45.2	31.5	485.18	42.3	11.47
196.4	186.5	9.9	5.0	August	167.4	45.1	31.4	484.08	42.5	11.39
193.6	183.8	9.8	5.1	September	168.2	45.5	32.0	491.63	42.9	11.46
195.0	183.4	11.6	6.0	October	167.9	44.8	31.4	485.60	42.3	11.48
194.1	183.8	10.3	5.3	November	168.2	44.9	31.4	484.34	42.3	11.45
195.3	183.1	12.2	6.2	December	167.5	44.4	31.0	473.30	41.7	11.35
				1991						
190.8	176.6	14.1	7.4	January	163.8	44.2	30.7	473.05	41.9	11.29
190.3	175.1	15.2	8.0	February	162.7	43.5	30.1	466.46	41.5	11.24
192.5	176.5	16.0	8.3	March	163.2	43.2	29.9	470.25	41.8	11.25
194.9	179.5	15.4	7.9	April	164.9	43.1	29.7	466.46	41.5	11.24
194.5	182.2	12.4	6.4	May	167.1	43.6	30.1	463.71	41.0	11.31
196.5	181.9	14.6	7.4	June	167.5	43.6	30.1	472.69	41.5	11.39
INA	INA	INA	INA	July	166.4	42.9	29.6	463.91	41.2	11.26

INA – Information not available

*Not comparable to previous estimates due to change in estimating methodology.

Canton MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
157	62	5	56	1980	95	7	7	26	6	29	19
157	61	5	55	1981	95	7	8	26	6	30	19
149	54	5	48	1982	95	6	8	26	6	30	18
143	49	4	44	1983	94	6	7	26	6	31	18
149	53	5	46	1984	97	6	8	27	6	31	18
151	53	5	46	1985	99	6	8	29	6	32	18
152	50	5	44	1986	102	6	8	30	6	33	18
156	51	6	44	1987	106	6	8	31	7	36	18
160	52	6	45	1988	108	6	8	32	7	37	19
164	54	7	46	1989	111	6	9	33	7	38	19
166	53	8	45	1990	113	6	9	33	7	40	19
				1990							
166	53	7	45	July	113	6	9	33	7	40	20
167	53	7	45	August	114	6	9	33	7	40	20
167	53	7	45	September	113	6	9	33	7	40	20
166	53	7	45	October	113	6	9	33	7	40	19
166	53	7	45	November	113	6	9	32	7	40	19
166	53	7	44	December	114	6	9	32	7	41	19
				1991							
167	53	8	45	January	114	6	9	33	7	40	20
167	52	8	44	February	114	6	9	33	7	41	20
166	52	8	44	March	114	6	9	33	7	41	19
166	52	8	43	April	114	6	9	32	7	41	19
166	52	8	44	May	114	6	9	32	7	41	19
166	52	8	43	June	114	6	9	33	7	41	19
165	51	7	43	July	115	6	9	33	7	41	19

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	166.4	167.5	167.2	-1.0	-.8
Goods-Producing Industries[e]	52.0	52.4	54.1	-.4	-2.1
Construction	8.3	8.1	8.1	.3	.2
Manufacturing	42.9	43.6	45.2	-.7	-2.3
Durable Goods[f]	32.7	33.0	33.8	-.3	-1.0
Primary Metal Industries	11.7	11.7	11.7	.0	.0
Fabricated Metal Products	5.2	5.2	5.7	.0	-.5
Electronic and Other Electric Equipment	3.9	3.9	4.1	.0	-.2
Nondurable Goods[g]	10.2	10.5	11.4	-.3	-1.3
Food and Kindred Products	3.1	3.1	3.1	.0	.1
Rubber and Miscellaneous Plastics Products	1.7	2.0	2.8	-.3	-1.1
Service-Producing Industries	114.4	115.1	113.1	-.7	1.3
Transportation and Public Utilities	5.8	5.8	5.7	.0	.1
Communications, Electric, Gas Services	2.8	2.9	2.8	.0	.0
Wholesale Trade	9.1	8.9	9.0	.1	.1
Retail Trade	32.8	32.9	32.8	.0	.0
General Merchandise Stores	3.6	3.6	3.8	.0	-.2
Food Stores	5.5	5.6	5.6	-.1	.0
Finance, Insurance, and Real Estate	6.7	6.7	6.9	.0	-.1
Finance	3.9	3.9	4.0	.0	-.1
Services	41.8	41.9	40.2	-.1	1.6
Health Services	16.7	16.6	16.1	.1	.6
Nursing and Personal Care Facilities	3.9	3.9	3.8	.0	.1
Hospitals	7.7	7.7	7.5	.0	.3
Government	18.2	18.9	18.6	-.7	-.4
Federal Government	1.5	1.5	1.7	.0	-.2
State Government (Includes Education)	1.6	1.6	1.7	.0	-.1
Local Government	15.1	15.8	15.2	-.7	-.1
Local Government Education	8.5	9.3	8.6	-.8	-.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

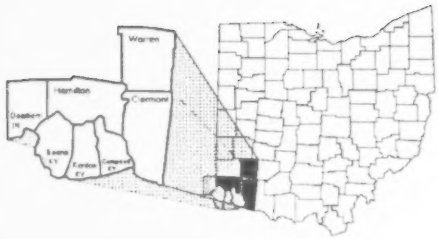
Not Seasonally Adjusted

Canton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$463.91	$472.69	$485.18	41.2	41.5	42.3	$11.26	$11.39	$11.47
Durable Goods[f]	478.30	488.57	509.76	41.7	42.3	43.2	11.47	11.55	11.80
Primary Metal Industries	520.26	533.48	579.68	43.5	43.8	46.3	11.96	12.18	12.52
Fabricated Metal Products	441.14	437.92	463.81	39.6	39.1	40.9	11.14	11.20	11.34
Electronic and Other Electric Equipment	568.58	607.32	509.33	39.9	42.0	37.7	14.25	14.46	13.51
Nondurable Goods[g]	415.54	423.06	413.92	39.5	39.1	39.8	10.52	10.82	10.40
Food and Kindred Products	407.69	433.55	425.71	37.3	39.2	39.2	10.93	11.06	10.86
Rubber and Miscellaneous Plastics Products	403.79	411.59	384.96	43.7	41.2	40.1	9.24	9.99	9.60
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	642.00	639.63	593.81	42.8	42.5	40.7	15.00	15.05	14.59
Wholesale Trade	390.56	397.65	381.15	38.9	39.1	38.5	10.04	10.17	9.90
Retail Trade[i]	180.50	181.63	174.99	27.6	27.9	28.5	6.54	6.51	6.14
General Merchandise Stores	207.51	199.30	196.25	29.9	28.8	29.6	6.94	6.92	6.63
Food Stores	185.37	186.10	167.30	29.1	29.4	28.5	6.37	6.33	5.87
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Nursing and Personal Care Facilities	206.72	203.62	194[j]	30.4	30.3	30.6	6.80	6.72	6.35

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

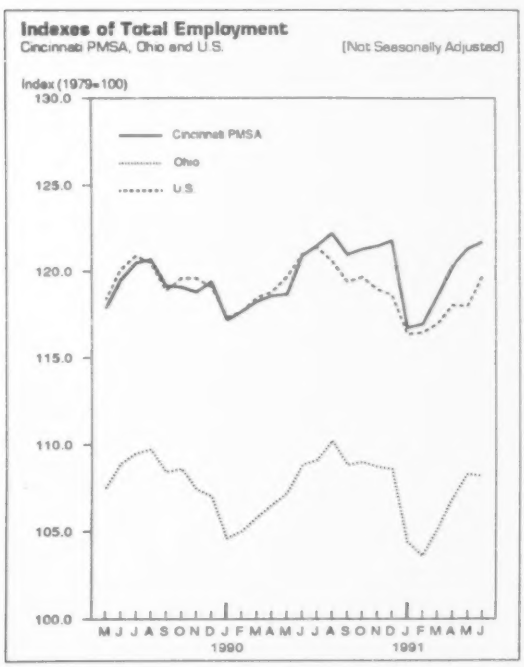
Cincinnati Primary Metropolitan Statistical Area

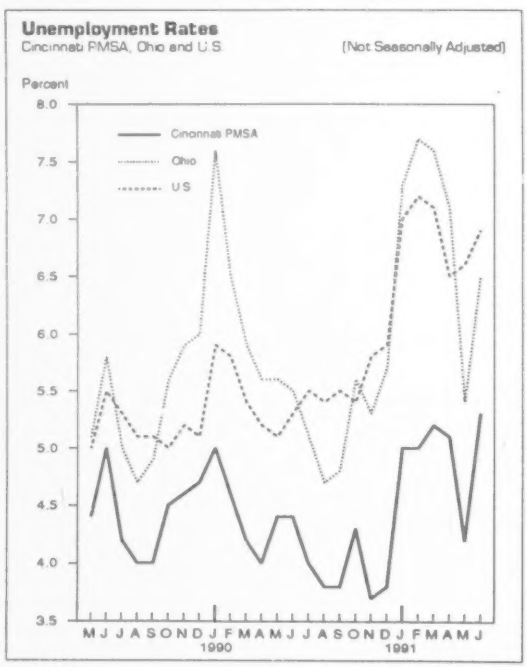


Nonfarm wage and salary employment in the Cincinnati metropolitan area fell 5,300 below the June level to 758,900 in July 1991. Service-producing industries lost 5,100 jobs due to seasonal layoffs of nonteaching personnel in local and state schools and colleges. Employment in goods-producing industries totaled 181,100, down 100 over the month as declines in manufacturing outweighed modest improvements in construction. Reductions in electronic and other electric equipment, transportation equipment, and rubber and miscellaneous plastics products negated a nominal gain in chemicals and allied products. Factory production workers averaged $12.77 per hour, up 15 cents from June. Their average workweek of 43.1 hours was 0.3 hours longer.

Nonagricultural payroll employment advanced 11,900 between July 1990 and July 1991. Expansion in the service-producing sector created 15,100 jobs. The leading growth industry was services, with notable gains in business services, health services, and engineering and management services. Moderate improvements were posted in retail trade, transportation and public utilities, and local schools. Cutbacks in durable-goods manufacturing lowered employment in goods-producing industries 3,200 from the year-ago level. Reductions in transportation equipment, electronic and other electric equipment, industrial machinery and equipment, and rubber and miscellaneous plastics products overshadowed gains in chemicals and allied products and printing and publishing.

Seasonally adjusted employment in the Cincinnati area totaled 757,000 in July 1991, unchanged from June. Increases in transportation and public utilities and government counterbalanced a decrease in manufacturing. Since July 1990, nonfarm payroll employment advanced 12,000. Growth in services, transportation and public utilities, retail trade, and government more than offset a decline in manufacturing.





Cincinnati PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	$332.07	41.2	$ 8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.2	700.2	44.0	5.9	1987	677.7	146.0	93.4	467.57	42.7	10.95
761.3	722.2	39.0	5.1	1988	701.6	145.7	92.5	476.15	42.4	11.23
778.4	743.5	34.8	4.5	1989	724.5	146.2	92.3	497.64	42.9	11.60
786.9	754.1	32.8	4.2	1990	744.0	148.1	92.9	518.49	43.1	12.03
				1990						
795.1	763.4	31.7	4.0	July	747.0	148.3	93.0	516.86	43.0	12.02
798.0	767.7	30.4	3.8	August	748.3	148.5	93.3	529.83	43.5	12.18
790.3	760.0	30.3	3.8	September	753.3	149.3	93.8	529.48	43.4	12.20
795.9	761.9	34.0	4.3	October	753.9	149.5	93.7	526.25	43.1	12.21
791.9	762.9	29.0	3.7	November	754.6	149.4	93.2	527.47	43.2	12.21
795.3	765.0	30.2	3.8	December	757.6	148.6	92.3	532.29	43.1	12.35
				1991						
772.3	733.9	38.4	5.0	January	737.3	147.3	91.5	521.14	42.3	12.32
773.1	734.6	38.5	5.0	February	737.9	146.6	91.0	515.76	42.0	12.28
785.8	745.0	40.7	5.2	March	744.4	146.0	90.3	516.18	42.0	12.29
796.4	755.8	40.6	5.1	April	751.3	144.7	89.3	511.66	41.7	12.27
795.2	761.6	33.7	4.2	May	758.3	145.6	90.1	528.73	42.4	12.47
807.3	764.6	42.7	5.3	June	764.2	146.0	90.2	540.14	42.8	12.62
INA	INA	INA	INA	July	758.9	145.0	89.6	550.39	43.1	12.77

INA – Information not available

Cincinnati PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
601	188	25	162	1980	413	34	39	102	33	122	84
592	180	22	157	1981	412	33	38	102	33	124	82
575	167	20	146	1982	408	32	37	102	32	124	80
576	161	20	140	1983	414	31	37	105	33	130	79
601	167	22	145	1984	433	32	39	111	34	137	79
628	171	23	147	1985	457	34	41	118	36	147	81
651	174	26	148	1986	477	33	42	122	38	156	85
678	176	30	146	1987	502	36	44	127	40	168	87
702	178	32	146	1988	524	38	45	135	42	176	88
725	180	34	146	1989	544	39	48	141	43	184	90
744	182	34	148	1990	562	41	49	141	44	193	94
				1990							
745	182	34	148	July	564	41	49	141	44	193	96
746	182	34	148	August	564	41	49	141	44	194	95
746	182	33	148	September	564	41	49	141	44	195	94
749	182	33	149	October	567	42	49	141	44	198	94
749	182	33	148	November	568	42	49	141	44	197	95
750	181	33	148	December	569	42	49	141	44	198	95
				1991							
752	182	33	148	January	570	42	48	142	44	198	96
753	182	34	148	February	571	42	49	141	44	199	96
754	181	34	147	March	573	42	48	142	44	200	96
753	180	34	146	April	573	42	49	142	44	200	96
754	180	34	146	May	574	42	49	142	44	201	96
757	180	34	146	June	577	42	49	143	44	202	97
757	179	34	145	July	579	43	49	143	44	202	98

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	758.9	764.2	747.0	-5.3	11.9
Goods-Producing Industries[e]	181.1	181.2	184.2	-.1	-3.2
Construction	35.7	34.8	35.5	.8	.2
Manufacturing	145.0	146.0	148.3	-.9	-3.3
Durable Goods[f]	75.3	76.0	80.0	-.7	-4.7
Fabricated Metal Products	11.4	11.3	11.7	.1	-.3
Fabricated Structural Metal Products	3.9	4.0	4.1	-.1	-.1
Industrial Machinery and Equipment	18.4	18.5	18.9	-.1	-.5
Electronic and Other Electric Equipment	6.9	7.2	7.9	-.3	-1.0
Transportation Equipment	23.8	24.1	25.2	-.3	-1.5
Motor Vehicles and Equipment	4.8	4.8	5.1	.0	-.2
Instruments and Related Products	3.5	3.6	3.8	-.1	-.3
Nondurable Goods[g]	69.7	70.0	68.3	-.3	1.4
Food and Kindred Products	12.1	12.2	11.9	-.1	.3
Beverages	2.9	2.8	2.8	.0	.0
Apparel and Other Textile Products	3.1	3.2	3.3	-.1	-.2
Paper and Allied Products	6.1	6.2	6.0	-.1	.1
Printing and Publishing	15.1	15.2	14.6	-.1	.5
Commercial Printing	6.5	6.5	6.0	.0	.6
Chemicals and Allied Products	24.4	24.2	23.3	.2	1.2
Rubber and Miscellaneous Plastics Products	6.2	6.4	6.6	-.2	-.5
Service-Producing Industries	577.8	583.0	562.8	-5.1	15.1
Transportation and Public Utilities	42.6	42.4	41.2	.2	1.5
Transportation	25.7	25.6	24.4	.1	1.2
Trucking and Warehousing	10.9	10.7	10.6	.2	.2
Transportation by Air	8.1	7.9	7.3	.2	.8
Communications, Electric, Gas Services	17.0	16.9	16.7	.1	.2
Communications	9.9	9.9	9.9	.0	.0
Wholesale Trade	49.3	49.3	48.8	.1	.5
Wholesale Trade-Durable Goods	28.1	28.1	28.0	.0	.1
Retail Trade	143.3	143.2	141.1	.2	2.3
General Merchandise Stores	20.8	20.8	20.8	.0	.0
Finance, Insurance, and Real Estate	44.6	44.6	44.4	.1	.2
Finance	17.9	17.7	17.8	.1	.1
Depository Institutions	13.3	13.2	13.4	.1	-.1
Commercial Banks	9.6	9.5	9.4	.1	.1
Insurance	17.2	17.3	17.2	-.1	.0
Insurance Carriers	14.6	14.6	14.5	.0	.1
Life Insurance	6.8	6.8	6.7	.0	.1
Fire, Marine, and Casualty Insurance	5.6	5.5	5.4	.1	.1
Services	207.0	207.0	197.8	.0	9.3
Hotels and Other Lodging Places	8.4	8.2	7.9	.2	.5
Personal Services	8.7	8.7	8.5	-.1	.2
Business Services	42.2	41.7	39.3	.5	2.9
Services to Buildings	6.3	6.3	6.1	.0	.2
Computer and Data Processing Services	5.6	5.5	5.1	.1	.5
Amusements, Including Motion Pictures	15.6	15.7	15.4	-.2	.2
Health Services	61.3	60.9	59.2	.4	2.1
Nursing and Personal Care Facilities	12.0	12.0	11.4	.0	.6
Hospitals	28.5	28.4	28.2	.1	.2
Legal Services	4.6	4.6	4.4	.1	.2
Educational Services	6.5	7.1	6.5	-.6	.1
Social Services	13.8	13.6	13.1	.2	.7
Residential Care	5.0	5.0	4.7	.1	.3
Engineering and Management Services	19.3	19.4	17.9	-.1	1.4
Engineering and Architectural Services	6.6	6.6	6.1	.0	.4
Government	90.8	96.5	89.5	-5.7	1.3
Federal Government	16.0	16.3	16.4	-.3	-.4
State Government	20.2	21.9	19.6	-1.6	.6
State Government Education[h]	12.0	13.6	11.3	-1.6	.7
Local Government	54.6	58.3	53.5	-3.7	1.1
Local Government Education	28.6	33.0	27.7	-4.3	.9

Hours and Earnings of Production or Nonsupervisory Workers[a]

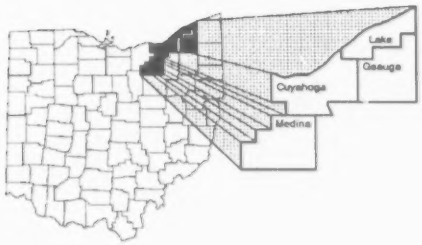
Not Seasonally Adjusted

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$550.39	$540.14	$516.86	43.1	42.8	43.0	$12.77	$12.62	$12.02
Durable Goods[f]	552.05	543.49	503.76	43.4	43.1	42.8	12.72	12.61	11.77
Fabricated Metal Products	461.36	444.33	442.04	42.6	41.8	43.0	10.83	10.63	10.28
Fabricated Structural Metal Products	560.92	479.83	523.25	46.9	42.5	45.5	11.96	11.29	11.50
Industrial Machinery and Equipment	476.28	487.06	469.53	42.0	42.8	42.3	11.34	11.38	11.10
Electronic and Other Electric Equipment	401.44	399.51	395.91	41.6	41.4	41.5	9.65	9.65	9.54
Transportation Equipment	854.19	831.73	738.44	47.8	46.7	44.7	17.87	17.81	16.52
Motor Vehicles and Equipment	992.96	990.91	740.81	50.2	50.3	42.6	19.78	19.70	17.39
Instruments and Related Products	453.61	448.80	418.25	43.7	43.7	44.4	10.38	10.27	9.42
Nondurable Goods[g]	549.12	538.04	530.86	42.9	42.6	43.3	12.80	12.63	12.26
Food and Kindred Products	531.28	511.03	488.99	44.2	42.8	42.3	12.02	11.94	11.56
Beverages	606.32	608.81	561.96	41.5	41.5	42.0	14.61	14.67	13.38
Apparel and Other Textile Products	249.02	254.56	256.70	36.3	37.0	38.2	6.86	6.88	6.72
Paper and Allied Products	447.02	447.17	463.06	41.2	40.8	42.6	10.85	10.96	10.87
Printing and Publishing	529.17	512.93	519.98	41.7	41.1	41.9	12.69	12.48	12.41
Commercial Printing	573.95	542.82	553.67	44.7	43.6	44.4	12.84	12.45	12.47
Chemicals and Allied Products	683.08	680.51	676.01	44.5	44.8	45.8	15.35	15.19	14.76
Rubber and Miscellaneous Plastics Products	468.26	439.93	433.00	43.6	43.3	43.3	10.74	10.16	10.00
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	646.35	627.75	607.65	41.3	40.5	40.7	15.65	15.50	14.93
Communications	650.35	624.46	605.09	40.8	39.8	39.6	15.94	15.69	15.28
Wholesale Trade	466.08	463.27	444.04	39.7	39.8	39.4	11.74	11.64	11.27
Retail Trade[i]	188.01	185.18	179.66	28.4	28.1	28.7	6.62	6.59	6.26
General Merchandise Stores	238.68	234.85	225.88	31.2	30.5	30.9	7.65	7.70	7.31
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	.....	.....	.....	....	....	....	.....	.....	.....
Depository Institutions	292.53	289.75	306.89	....	....	....	.....	.....	.....
Commercial Banks	267.84	262.49	273.96	....	....	....	.....	.....	.....
Insurance	.....	.....	.....	....	....	....	.....	.....	.....
Insurance Carriers	430.35	427.94	414.65	....	....	....	.....	.....	.....
Life Insurance	426.86	419.73	425.53	....	....	....	.....	.....	.....
Fire, Marine, and Casualty Insurance	462.70	468.63	422.65	.. .	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	456.65	452.15	439.19	32.9	33.1	32.8	13.88	13.66	13.39
Engineering and Management Services	.....	.....	.....	....	....	....	.....	.....	.....
Engineering and Architectural Services	668.68	711.90	652.29	40.6	42.4	41.6	16.47	16.79	15.68

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Cleveland Primary Metropolitan Statistical Area

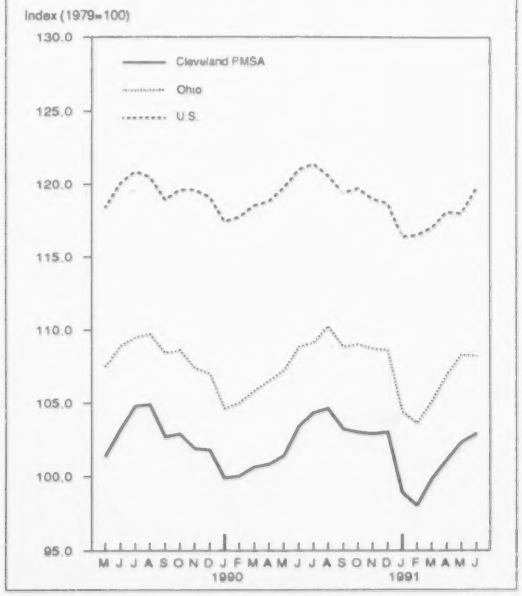


Nonagricultural payroll employment in the Cleveland metropolitan area fell 3,800 below the June level to 960,700 in July 1991. Seasonal layoffs of nonteaching personnel in local and private schools and less business in retail trade lowered employment in service-producing industries 3,800. The number of jobs in goods-producing industries was unchanged over the month at 240,600. Improvements in construction, particularly special trade contractors, counterbalanced scattered declines in manufacturing. Noteworthy reductions were posted in industrial machinery and equipment and in rubber and miscellaneous plastics products. Factory production workers averaged $12.56 per hour, down 13 cents from June. Their average workweek was 0.2 hours shorter at 42.2 hours.

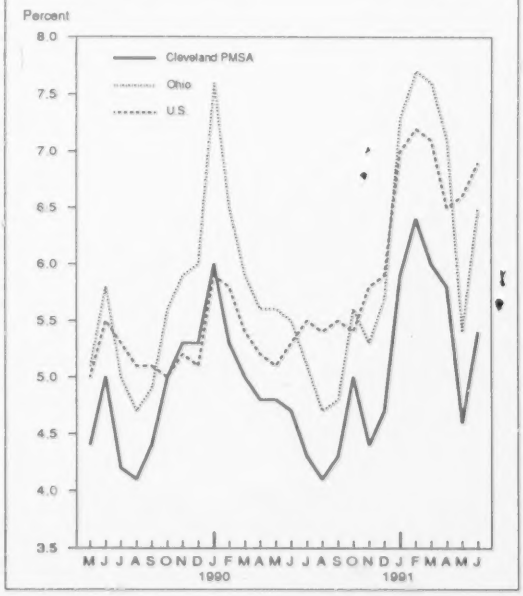
Nonfarm wage and salary employment decreased 2,000 between July 1990 and July 1991. The workforce in goods-producing industries dropped 6,000 as cutbacks in manufacturing overshadowed modest growth in construction. Significant over-the-year reductions occurred in industrial machinery and equipment (-2,400), primary metal industries (-1,000), and rubber and miscellaneous plastics products (-1,000). Moderate decreases were recorded in fabricated metal products, transportation equipment, and electronic and other electric equipment. Employment in service-producing industries advanced 4,000 during the period. Expansion in services, especially health services, outweighed declines in local and federal government.

Seasonally adjusted employment in the Cleveland area, at 949,000 in July 1991, decreased 4,000 from June due to reductions in government and retail trade. Since July 1990, nonfarm payroll employment lost 2,000 jobs. Declines in manufacturing and government more than offset gains in services and finance, insurance, and real estate.

Indexes of Total Employment
Cleveland PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Cleveland PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Cleveland PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	$350.38	40.6	$ 8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
927.0	869.0	58.0	6.3	1987	891.6	200.6	128.3	496.35	42.9	11.57
936.5	885.0	51.4	5.5	1988	911.3	203.3	131.1	508.65	43.4	11.72
953.5	907.5	46.0	4.8	1989	935.8	207.6	133.7	509.87	43.1	11.83
954.8	909.1	45.7	4.8	1990	950.2	206.6	131.7	517.95	42.7	12.13
				1990						
969.0	926.9	42.1	4.3	July	962.7	207.8	132.2	514.74	42.4	12.14
969.6	930.3	39.4	4.1	August	956.3	206.1	131.1	518.38	42.7	12.14
958.0	917.2	40.8	4.3	September	960.3	207.4	133.0	530.56	43.1	12.31
964.4	915.9	48.5	5.0	October	959.4	207.6	132.4	527.24	42.9	12.29
956.7	914.6	42.2	4.4	November	956.5	205.2	129.5	518.87	42.6	12.18
960.9	915.4	45.5	4.7	December	957.6	204.5	128.7	516.01	42.4	12.17
				1991						
935.0	879.5	55.5	5.9	January	932.4	204.1	128.3	510.38	41.8	12.21
931.5	871.5	60.0	6.4	February	926.4	199.2	123.7	496.43	41.3	12.02
944.4	887.2	57.1	6.0	March	936.6	201.7	126.2	505.10	41.3	12.23
954.5	898.9	55.6	5.8	April	943.6	201.9	126.8	510.88	41.3	12.37
953.6	909.8	43.8	4.6	May	953.4	201.8	126.9	515.43	41.4	12.45
967.3	914.6	52.7	5.4	June	964.5	202.8	127.5	538.06	42.4	12.69
INA	INA	INA	INA	July	960.7	201.2	126.2	530.03	42.2	12.56

INA – Information not available

Cleveland PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
896	286	30	255	1980	610	46	64	141	48	188	123
881	276	28	247	1981	605	45	63	137	48	192	120
845	249	25	223	1982	595	43	61	134	48	192	117
830	234	25	207	1983	596	41	59	136	48	196	116
854	243	28	214	1984	612	42	62	141	49	204	115
869	240	28	211	1985	629	41	63	146	50	213	116
879	232	26	205	1986	647	41	62	150	52	225	116
892	230	28	201	1987	662	41	61	154	55	233	117
911	234	29	203	1988	678	41	64	157	56	243	116
936	241	33	208	1989	694	42	65	159	57	253	118
950	242	35	207	1990	708	43	65	163	58	260	120
				1990							
951	243	35	207	July	708	43	65	163	58	261	118
948	242	35	206	August	707	43	65	164	58	262	115
953	242	34	205	September	711	43	65	164	58	261	120
953	242	34	207	October	711	43	65	164	58	261	120
949	240	34	204	November	710	43	65	164	58	261	119
949	239	35	203	December	710	43	65	163	58	261	119
				1991							
952	241	34	206	January	711	43	65	164	58	262	120
947	236	35	201	February	711	43	65	163	58	262	120
952	239	35	203	March	713	43	65	164	58	263	120
951	238	35	203	April	712	43	65	164	58	263	120
952	237	35	202	May	714	43	65	163	59	265	120
953	237	35	201	June	715	43	65	164	59	266	119
949	237	35	201	July	712	43	65	163	59	266	116

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	960.7	964.5	962.7	-3.8	-2.0
Goods-Producing Industries[e]	240.6	240.5	246.5	.0	-6.0
Construction	38.7	37.1	37.8	1.6	.8
Special Trade Contractors	26.8	25.6	26.3	1.2	.4
Manufacturing	201.2	202.8	207.8	-1.5	-6.6
Durable Goods[f]	135.8	136.7	141.5	-.9	-5.7
Stone, Clay, and Glass Products	3.5	3.7	3.7	-.1	-.2
Primary Metal Industries	19.4	19.4	20.3	-.1	-1.0
Iron and Steel Foundries	4.4	4.4	4.4	.0	.0
Fabricated Metal Products	34.0	34.0	34.6	.0	-.7
Screw Machine Products, Bolts, etc.	5.3	5.3	5.2	.0	.1
Metal Forgings and Stampings	10.9	10.9	11.0	.0	-.1
Industrial Machinery and Equipment	31.1	31.4	33.5	-.3	-2.4
Metalworking Machinery	12.0	12.0	13.1	-.1	-1.1
Electronic and Other Electric Equipment	15.1	15.1	15.6	.0	-.5
Electrical Industrial Apparatus	3.7	3.8	4.1	-.1	-.4
Electric Lighting and Wiring Equipment	5.2	5.1	5.3	.0	-.1
Transportation Equipment	18.7	19.0	19.4	-.2	-.7
Motor Vehicles and Equipment	11.4	11.7	11.8	-.3	-.4
Instruments and Related Products	7.2	7.2	7.3	.0	-.1
Measuring and Controlling Devices	5.1	5.1	5.0	.0	.1
Nondurable Goods[g]	65.4	66.1	66.3	-.7	-.9
Food and Kindred Products	6.2	6.4	6.4	-.2	-.2
Apparel and Other Textile Products	3.1	3.1	3.2	.0	-.1
Paper and Allied Products	5.9	5.9	5.9	.0	.0
Printing and Publishing	17.8	17.9	17.8	-.2	.0
Chemicals and Allied Products	15.1	15.1	15.1	.0	.1
Rubber and Miscellaneous Plastics Products	10.6	10.9	11.6	-.3	-1.0
Miscellaneous Plastics Products	7.1	7.3	7.3	-.2	-.2
Service-Producing Industries	720.1	724.0	716.2	-3.8	4.0
Transportation and Public Utilities	43.6	43.5	43.3	.1	.4
Transportation	26.5	26.4	25.7	.0	.8
Trucking and Warehousing	11.7	11.6	11.5	.2	.2
Transportation by Air	5.7	5.6	5.2	.1	.5
Communications, Electric, Gas Services	17.2	17.1	17.6	.1	-.4
Communications	10.1	10.1	10.4	.0	-.3
Electric, Gas, and Sanitary Services	7.1	7.0	7.2	.1	-.1
Wholesale Trade	65.7	65.4	65.6	.2	.0
Wholesale Trade-Durable Goods	45.1	44.8	45.0	.3	.1
Motor Vehicles, Parts, and Supplies	4.1	4.1	4.2	.0	-.1
Professional and Commercial Equipment	9.0	8.9	9.2	.1	-.2
Retail Trade	164.7	165.5	164.6	-.8	.1
General Merchandise Stores	19.5	19.7	20.2	-.2	-.8
Finance, Insurance, and Real Estate	59.4	59.0	58.8	.4	.6
Finance	27.9	27.7	28.2	.2	-.3
Depository Institutions	20.6	20.4	20.8	.2	-.2
Commercial Banks	13.0	13.0	13.3	.0	-.3
Insurance	19.7	19.5	19.0	.1	.6
Insurance Carriers	14.9	14.8	14.3	.1	.7
Fire, Marine, and Casualty Insurance	6.6	6.5	6.3	.1	.3
Services	268.8	269.5	264.0	-.6	4.9
Business Services	54.1	53.7	53.7	.4	.4
Personnel Supply Services	19.9	19.4	20.1	.5	-.2
Computer and Data Processing Services	7.1	7.0	6.9	.1	.2
Amusements, Including Motion Pictures	13.9	13.6	14.1	.3	-.2
Health Services	83.0	82.4	80.6	.6	2.4
Nursing and Personal Care Facilities	15.0	14.8	14.5	.3	.5
Hospitals	44.0	43.8	43.3	.2	.8
Legal Services	10.4	10.3	10.1	.1	.3
Educational Services	15.1	16.8	15.3	-1.6	-.1
Social Services	15.8	16.0	15.1	-.2	.7
Residential Care	4.5	4.5	4.2	.1	.3
Engineering and Management Services	23.6	23.3	22.7	.3	.9
Engineering and Architectural Services	8.9	8.8	8.4	.1	.4
Accounting, Auditing, and Bookkeeping	6.4	6.4	6.3	.0	.1
Management and Public Relations	5.5	5.4	5.2	.1	.3
Government	117.9	121.1	119.9	-3.2	-1.9
Federal Government	19.7	19.7	20.6	-.1	-1.0
State Government	8.2	9.0	7.9	-.8	.3
State Government Education[h]	3.0	3.8	2.7	-.8	.3
Local Government	90.1	92.4	91.3	-2.3	-1.3
Local Government Education	39.8	43.9	41.2	-4.1	-1.4

Hours and Earnings of Production or Nonsupervisory Workers[a]

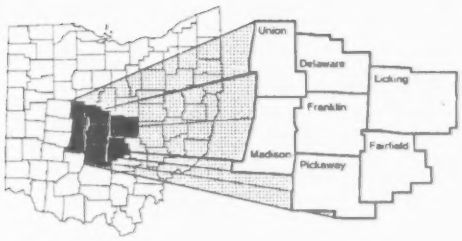
Not Seasonally Adjusted

Cleveland PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$530.03	$538.06	$514.74	42.2	42.4	42.4	$12.56	$12.69	$12.14
Durable Goods[f]	554.09	569.71	546.10	42.2	42.9	43.0	13.13	13.28	12.70
Stone, Clay, and Glass Products	520.00	508.51	489.91	41.5	42.2	41.1	12.53	12.05	11.92
Primary Metal Industries	591.33	586.97	515.59	44.9	44.4	43.4	13.17	13.22	11.88
Iron and Steel Foundries	873.95	871.00	762.10	45.4	45.2	43.9	19.25	19.27	17.36
Fabricated Metal Products	564.92	584.73	530.45	42.7	43.8	42.2	13.23	13.35	12.57
Screw Machine Products, Bolts, etc.	490.18	547.24	539.61	41.4	44.6	43.1	11.84	12.27	12.52
Metal Forgings and Stampings	731.44	735.91	656.86	44.6	44.9	43.3	16.40	16.39	15.17
Industrial Machinery and Equipment	509.83	513.89	548.08	42.1	42.4	44.2	12.11	12.12	12.40
Metalworking Machinery	462.84	469.04	509.07	39.9	40.4	42.6	11.60	11.61	11.95
Electronic and Other Electric Equipment	422.28	425.81	425.08	39.1	39.5	40.6	10.80	10.78	10.47
Electrical Industrial Apparatus	434.77	442.66	466.58	40.9	41.8	44.1	10.63	10.59	10.58
Electric Lighting and Wiring Equipment	405.41	400.64	389.50	35.5	35.9	38.0	11.42	11.16	10.25
Transportation Equipment	743.83	804.58	778.43	42.7	44.6	45.1	17.42	18.04	17.26
Motor Vehicles and Equipment	817.50	893.30	873.18	43.3	45.6	46.2	18.88	19.59	18.90
Instruments and Related Products	417.98	427.45	463.26	39.1	39.8	42.0	10.69	10.74	11.03
Measuring and Controlling Devices	428.67	435.49	463.52	39.4	40.1	42.1	10.88	10.86	11.01
Nondurable Goods[g]	468.02	459.91	436.81	41.9	41.1	40.9	11.17	11.19	10.68
Food and Kindred Products	475.60	479.29	440.43	41.0	41.0	39.5	11.60	11.69	11.15
Apparel and Other Textile Products	410.29	419.93	381.79	39.3	40.3	38.8	10.44	10.42	9.84
Paper and Allied Products	515.83	513.91	513.09	43.9	43.7	44.5	11.75	11.76	11.53
Printing and Publishing	404.17	371.77	373.06	38.9	36.2	36.9	10.39	10.27	10.11
Chemicals and Allied Products	592.30	589.58	546.56	44.4	43.9	42.6	13.34	13.43	12.83
Rubber and Miscellaneous Plastics Products	383.68	386.46	381.97	41.3	41.2	42.3	9.29	9.38	9.03
Miscellaneous Plastics Products	391.52	388.82	396.46	41.3	40.8	43.0	9.48	9.53	9.22
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Transportation	.....	.....	.....	....	....	....	.....	.....	.....
Trucking and Warehousing	518.50	545.72	499.73	35.2	37.2	35.9	14.73	14.67	13.92
Communications, Electric, Gas Services	702.90	701.71	627.59	44.6	44.3	40.7	15.76	15.84	15.42
Wholesale Trade	477.10	479.89	467.27	39.3	39.4	39.7	12.14	12.18	11.77
Retail Trade[i]	203.04	201.60	193.86	28.2	28.0	28.3	7.20	7.20	6.85
General Merchandise Stores	207.01	200.28	185.26	29.7	28.9	27.9	6.97	6.93	6.64
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	338.89	337.42	319.16	....	....	....	.....	.....	.....
Depository Institutions	307.51	307.14	293.50	....	....	....	.....	.....	.....
Commercial Banks	287.08	286.49	285.08	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	344.72	345.21	342.72	31.0	31.1	31.5	11.12	11.10	10.88
Nursing and Personal Care Facilities	261.95	257.74	251.26	33.8	33.3	34.0	7.75	7.74	7.39
Hospitals	380.27	385.62	374.85	30.3	30.8	30.6	12.55	12.52	12.25

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

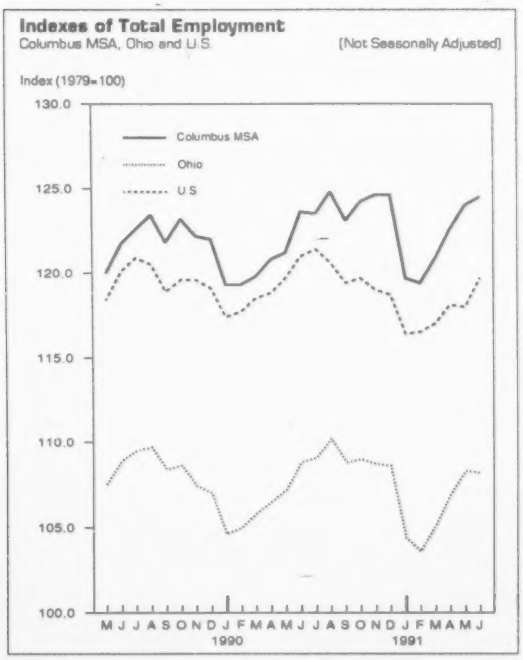
Columbus Metropolitan Statistical Area

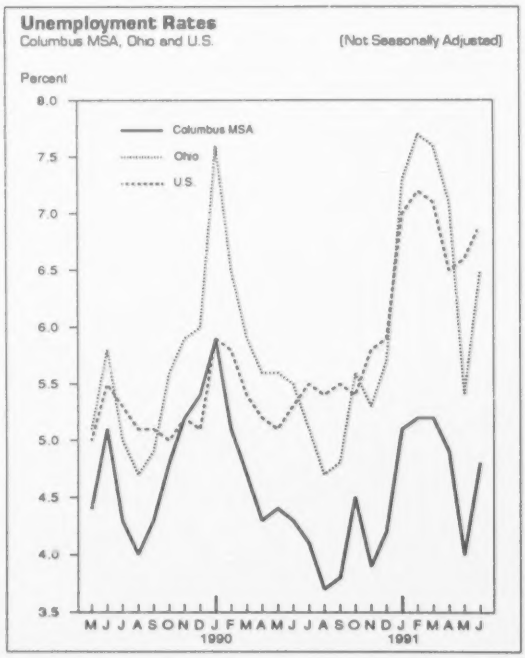


Nonagricultural wage and salary employment in the Columbus metropolitan area dropped 8,100 below the June level to 733,000 in July 1991. Employment in the service-producing sector fell 9,000 over the month. Seasonal layoffs of nonteaching personnel in state and local schools and colleges overshadowed moderate gains in services. The number of jobs in goods-producing industries rose 1,000 over the month to 137,300. Increased business in construction more than offset scattered declines in durable-goods manufacturing. Factory production workers averaged $13.01 per hour, up 8 cents from June. Their average workweek of 42.6 hours was 0.2 hours longer.

Total nonfarm payroll employment advanced 11,000 between July 1990 and July 1991. Expansion in service-producing industries contributed 91.8 percent of the gain. The leading growth industry was services, most notably business services (+3,400), health services (+2,000), and social services (+1,200). Noteworthy increases were posted in retail trade and wholesale trade. Moderate improvements in construction and manufacturing raised employment in goods-producing industries 900. Over-the-year gains in electronic and other electric equipment and food and kindred products outweighed cutbacks in fabricated metal products, industrial machinery and equipment, and instruments and related products.

Seasonally adjusted employment in the Columbus area increased 2,000 from June to 736,000 in July 1991 due to gains in wholesale trade, services, and government. Since July 1990, nonfarm payroll employment advanced 11,000. Services added 9,000 employees; construction, wholesale trade, and retail trade rose 1,000 each.





Columbus MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98 7	INA	INA	INA	INA
633.5	584 3	49.2	7.8	1984	576.4	104.7	69.3	$426 05	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461 14	41.1	11.22
694.9	657.2	37.7	5.4	1987	658.0	103.9	68.7	473.52	41.5	11.41
711.2	676.2	35.0	4.9	1988	680.5	102.6	67 9	479.33	41.5	11.55
733.7	698.9	34.8	4.7	1989	704.7	104.9	69.5	500.82	41.7	12.01
739.5	706.9	32.6	4.4	1990	722.7	104.5	69.7	522.48	42.0	12.44
				1990						
744.1	713.2	30.9	4.1	July	722.0	103.8	68.7	524.15	42.1	12.45
748.3	720.9	27.4	3.7	August	724.3	105.1	70.0	515.41	41.7	12.36
739.5	711.1	28.4	3.8	September	728.2	105.6	70.7	529.61	42.2	12.55
750.9	717.2	33.7	4.5	October	735.2	106.1	70.7	530.88	42.1	12.61
748.9	719.6	29.3	3.9	November	737.1	105.0	69.7	541.40	42.9	12.62
751.7	719.8	31.9	4.2	December	737.3	104.6	69.4	549.11	43.0	12.77
				1991						
728.4	691.4	37.0	5.1	January	717.4	104.3	69.3	529.59	41.7	12.70
727.5	689.6	38.0	5.2	February	717.7	103.6	68.9	524.10	41.3	12.69
736.7	698.3	38.4	5.2	March	722.6	103.6	69.0	537.13	41.8	12.85
744.5	707.9	36.6	4.9	April	727.5	103.7	69.0	541.80	42.0	12.90
745.3	715.9	29.5	4.0	May	734.5	104.0	69.4	544.80	42.2	12.91
755.6	719.0	36.6	4.8	June	741.1	104.4	69.5	548.23	42.4	12.93
INA	INA	INA	INA	July	733.0	104.2	69.3	554.23	42.6	13.01

INA – Information not available

Columbus MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
560	135	21	113	1980	425	27	29	101	40	113	115
557	130	19	109	1981	427	26	29	101	42	116	113
544	118	16	101	1982	426	25	28	100	44	117	111
548	117	17	99	1983	432	25	29	103	45	120	110
576	125	19	105	1984	451	26	31	110	47	127	110
604	129	22	106	1985	475	26	32	119	49	136	112
631	131	24	106	1986	500	27	32	125	54	146	116
658	132	27	104	1987	526	28	34	133	57	154	119
680	133	29	103	1988	548	30	36	138	59	162	123
705	135	30	105	1989	569	31	37	145	60	172	125
723	135	29	105	1990	588	31	36	148	61	183	129
				1990							
725	134	29	104	July	592	31	36	148	61	184	131
726	135	29	105	August	591	31	36	149	61	185	130
726	135	29	105	September	591	31	36	149	61	185	130
727	135	29	105	October	592	31	36	149	61	186	130
727	134	29	104	November	593	31	36	149	61	186	130
728	134	29	104	December	593	31	36	149	61	187	130
				1991							
729	135	29	105	January	594	31	36	149	61	187	130
729	134	29	105	February	595	31	36	148	61	188	131
731	135	30	104	March	596	31	36	149	61	189	130
730	135	30	104	April	595	31	36	148	61	190	130
732	135	30	104	May	598	31	36	148	61	191	131
734	135	30	104	June	599	31	36	149	61	192	130
736	135	30	104	July	602	31	37	149	61	193	131

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	733.0	741.1	722.0	-8.1	11.0
Goods-Producing Industries[e]	137.3	136.3	136.3	1.0	.9
Construction	32.2	31.0	31.6	1.2	.6
Manufacturing	104.2	104.4	103.8	-.3	.4
Durable Goods[f]	65.7	65.9	65.1	-.2	.6
Stone, Clay, and Glass Products	9.2	9.4	9.2	-.2	.0
Glass and Glassware, Pressed or Blown	3.3	3.5	3.1	-.2	.2
Fabricated Metal Products	8.9	8.9	9.6	.1	-.7
Industrial Machinery and Equipment	9.4	9.5	10.0	.0	-.5
Electronic and Other Electric Equipment	10.6	10.5	9.4	.1	1.2
Transportation Equipment	15.7	15.7	15.6	.0	.0
Motor Vehicles and Equipment	14.1	14.1	14.0	.0	.1
Instruments and Related Products	4.0	4.1	4.5	-.1	-.5
Nondurable Goods[g]	38.5	38.5	38.7	.0	-.2
Food and Kindred Products	11.1	11.0	10.5	.1	.6
Dairy Products	4.2	4.2	3.9	.0	.3
Printing and Publishing	10.9	10.9	10.8	.0	.1
Chemicals and Allied Products	6.7	6.7	7.0	.0	-.3
Rubber and Miscellaneous Plastics Products	6.1	6.1	6.1	.0	.0
Service-Producing Industries	595.7	604.8	585.7	-9.0	10.1
Transportation and Public Utilities	30.9	30.8	30.9	.1	.1
Transportation	18.2	18.1	18.1	.1	.0
Trucking and Warehousing	13.1	13.0	13.0	.2	.2
Communications, Electric, Gas Services	12.8	12.8	12.8	.0	.0
Communications	8.0	8.0	7.9	.0	.1
Electric, Gas, and Sanitary Services	4.7	4.7	4.8	.0	-.1
Wholesale Trade	36.8	36.5	36.1	.3	.6
Wholesale Trade-Durable Goods	23.0	22.9	22.9	.1	.1
Motor Vehicles, Parts, and Supplies	3.1	3.1	3.1	.0	.0
Machinery, Equipment, and Supplies	4.9	5.0	5.0	.0	-.1
Wholesale Trade-Nondurable Goods	13.8	13.6	13.3	.2	.5
Retail Trade	148.3	148.5	147.6	-.2	.8
General Merchandise Stores	20.8	20.6	20.8	.2	.0
Food Stores	16.3	16.2	17.3	.1	-1.0
Automotive Dealers and Service Stations	14.5	14.4	14.4	.1	.1
Finance, Insurance, and Real Estate	61.6	61.4	61.9	.2	-.3
Finance	24.3	24.3	24.7	-.1	-.4
Depository Institutions	13.4	13.5	14.0	-.1	-.6
Commercial Banks	11.3	11.4	11.6	-.1	-.3
Insurance	27.2	27.0	27.4	.2	-.2
Insurance Carriers	23.1	23.0	23.4	.1	-.3
Services	195.0	194.0	186.2	1.0	8.8
Business Services	46.2	46.0	42.8	.2	3.4
Personnel Supply Services	19.7	19.3	17.3	.4	2.4
Health Services	49.0	48.5	47.0	.5	2.0
Nursing and Personal Care Facilities	8.7	8.7	8.3	.1	.4
Hospitals	22.7	22.5	22.0	.1	.7
Legal Services	4.8	4.8	4.7	.0	.0
Educational Services	6.4	6.6	6.4	-.2	.0
Social Services	14.2	13.9	13.0	.3	1.2
Engineering and Management Services	19.0	18.8	18.4	.2	.6
Engineering and Architectural Services	5.4	5.4	5.0	.1	.4
Accounting, Auditing, and Bookkeeping	3.9	3.9	3.8	.0	.1
Research and Testing Services	5.8	5.8	5.9	.0	-.1
Government	123.1	133.5	123.1	-10.4	.0
Federal Government	15.7	15.6	17.4	.1	-1.7
State Government	52.4	58.4	52.8	-6.0	-.4
State Government Education[h]	19.3	24.7	19.2	-5.4	.1
Local Government	55.0	59.5	52.9	-4.4	2.2
Local Government Education	31.1	35.8	29.4	-4.7	1.6

Hours and Earnings of Production or Nonsupervisory Workers[a]

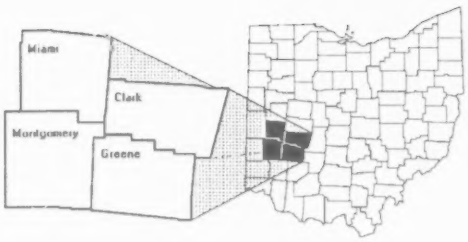
Not Seasonally Adjusted

Columbus MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$554.23	$548.23	$524.15	42.6	42.4	42.1	$13.01	$12.93	$12.45
Durable Goods[f]	570.31	570.21	542.72	43.0	43.1	42.4	13.27	13.23	12.80
Stone, Clay, and Glass Products	550.28	552.20	538.38	43.5	44.0	43.7	12.65	12.55	12.32
Glass and Glassware, Pressed or Blown	491.30	490.36	478.08	41.6	42.2	41.9	11.81	11.62	11.41
Fabricated Metal Products	558.07	556.52	524.28	41.4	41.5	40.8	13.48	13.41	12.85
Industrial Machinery and Equipment	522.92	557.67	551.62	41.7	43.5	44.2	12.54	12.82	12.48
Electronic and Other Electric Equipment	568.55	566.80	503.47	43.5	43.4	40.8	13.07	13.06	12.34
Transportation Equipment	688.56	671.84	634.23	45.3	44.7	43.5	15.20	15.03	14.58
Motor Vehicles and Equipment	702.24	685.35	642.39	45.6	45.0	43.7	15.40	15.23	14.70
Instruments and Related Products	433.09	434.03	441.25	40.4	40.3	41.2	10.72	10.77	10.71
Nondurable Goods[g]	522.08	506.76	489.29	41.8	41.1	41.5	12.49	12.33	11.79
Food and Kindred Products	461.00	465.55	441.42	42.1	42.4	42.0	10.95	10.98	10.51
Dairy Products	619.12	653.62	616.05	43.6	45.9	45.0	14.20	14.24	13.69
Printing and Publishing	611.24	582.12	569.33	41.3	39.6	40.9	14.80	14.70	13.92
Chemicals and Allied Products	662.12	634.54	614.79	42.8	41.5	41.4	15.47	15.29	14.85
Rubber and Miscellaneous Plastics Products	403.68	397.80	400.44	40.9	40.8	41.8	9.87	9.75	9.58
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Transportation	.....	.....	.....	....	....	....	.....	.....	.....
Trucking and Warehousing	474.01	467.89	455.49	35.4	35.5	35.2	13.39	13.18	12.94
Communications, Electric, Gas Services	686.65	679.29	689.23	44.3	43.6	43.9	15.50	15.58	15.70
Communications	697.17	690.62	595.81	45.3	44.7	39.8	15.39	15.45	14.97
Electric, Gas, and Sanitary Services	668.82	660.86	841.98	42.6	41.8	50.6	15.70	15.81	16.64
Wholesale Trade	418.26	421.98	402.15	38.8	39.0	38.3	10.78	10.82	10.50
Retail Trade[i]	198.80	193.48	185.47	28.4	27.6	27.6	7.00	7.01	6.72
General Merchandise Stores	240.21	232.95	211.12	30.6	29.6	29.2	7.85	7.87	7.23
Food Stores	205.82	197.34	187.00	29.7	27.6	27.5	6.93	7.15	6.80
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	497.24	492.94	461.73	....	....	....	.....	.....	.....
Depository Institutions	308.33	303.49	298.31	....	....	....	.....	.....	.....
Commercial Banks	307.82	302.38	295.08	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Nursing and Personal Care Facilities	254.85	248.22	240.50	32.3	31.5	32.9	7.89	7.88	7.31
Hospitals	404.74	387.60	404.26	34.3	33.5	34.0	11.80	11.57	11.89
Engineering and Management Services	.....	.....	.....	....	....	....	.....	.....	.....
Engineering and Architectural Services	517.44	523.48	477.70	39.2	39.3	38.4	13.20	13.32	12.44

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

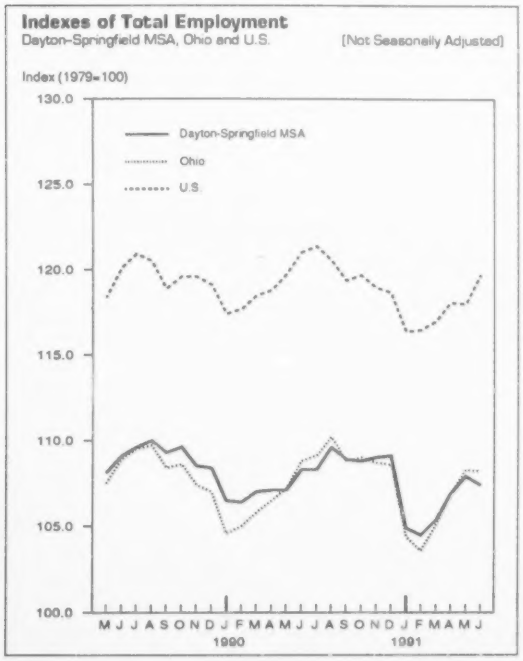
Dayton-Springfield Metropolitan Statistical Area

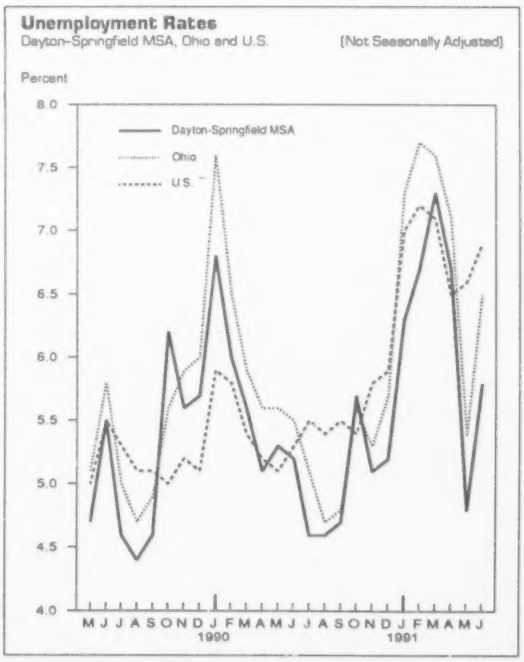


In the Dayton-Springfield metropolitan area, nonfarm payroll employment fell 5,100 below the June level to 448,900 in July 1991. The number of employees in service-producing industries dropped 4,700 mainly due to seasonal layoffs of nonteaching personnel in local schools and less business in retail trade and services. Employment in goods-producing industries declined 300 over the month to 116,000. Scattered decreases among manufacturers of nondurable and durable goods negated nominal gains in construction. Factory production workers averaged $14.02 per hour, down fractionally from June. Their average workweek of 42.4 hours was 0.1 hours longer.

Nonagricultural wage and salary employment declined 600 between July 1990 and July 1991. Over-the-year cutbacks in manufacturing lowered employment in the goods-producing sector 5,400. Significant reductions were posted in industrial machinery and equipment (-1,900) and transportation equipment (-1,000). Noteworthy decreases occurred in fabricated metal products and in printing and publishing. Expansion in service-producing industries created 4,800 jobs during the period. Growth in services, especially health and business services, and in retail trade more than offset declines in government.

Seasonally adjusted employment in the Dayton-Springfield area totaled 452,000 in July 1991, unchanged from June. An increase in retail trade counterbalanced a decrease in manufacturing. Since July 1990, nonfarm payroll employment lost 1,000 jobs. Reductions in manufacturing and government negated gains in services, retail trade, transportation and public utilities, and finance, insurance, and real estate.





Dayton–Springfield MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.91	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
463.8	437.7	26.2	5.6	1987	429.8	104.3	67.1	499.38	42.0	11.89
468.2	443.9	24.4	5.2	1988	437.7	105.0	67.5	548.14	43.4	12.63
478.2	453.8	24.4	5.1	1989	448.4	105.0	67.5	555.56	42.9	12.95
476.8	451.5	25.4	5.3	1990	452.2	102.6	66.4	565.40	42.1	13.43
				1990						
474.5	452.6	21.9	4.6	July	449.6	103.9	67.0	570.54	42.2	13.52
480.1	458.0	22.1	4.6	August	450.7	103.0	66.3	557.19	41.8	13.33
477.3	455.0	22.3	4.7	September	456.3	103.2	66.9	590.04	43.1	13.69
482.1	454.7	27.4	5.7	October	456.4	102.6	66.8	580.98	42.5	13.67
480.2	455.8	24.4	5.1	November	457.1	101.7	66.1	564.62	41.7	13.54
480.9	456.0	24.9	5.2	December	457.4	101.1	65.5	564.40	41.5	13.60
				1991						
468.2	438.6	29.6	6.3	January	445.6	100.1	64.6	562.51	41.3	13.62
468.1	436.7	31.4	6.7	February	445.1	98.7	63.3	545.66	40.6	13.44
475.2	440.5	34.7	7.3	March	446.0	96.9	61.6	551.86	41.0	13.46
478.7	446.8	31.9	6.7	April	449.7	97.4	62.1	562.63	41.4	13.59
473.7	451.2	22.5	4.8	May	453.3	98.7	63.6	573.12	41.5	13.81
476.8	449.0	27.8	5.8	June	454.0	99.3	63.9	593.89	42.3	14.04
INA	INA	INA	INA	July	448.9	98.6	62.8	594.45	42.4	14.02

INA – Information not available

Dayton–Springfield MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
397	126	15	111	1980	271	16	17	66	16	82	75
393	123	13	110	1981	270	15	18	64	16	84	74
374	108	10	97	1982	266	14	18	62	16	85	72
372	106	11	96	1983	266	14	18	63	16	85	71
393	116	12	104	1984	277	15	19	67	16	89	71
409	120	13	106	1985	289	14	19	71	17	95	72
419	121	15	106	1986	298	15	19	75	17	100	73
430	121	16	104	1987	309	16	19	78	18	104	74
438	123	17	105	1988	315	17	20	79	18	108	73
448	123	18	105	1989	325	17	20	80	18	114	76
452	119	16	103	1990	333	18	20	82	17	118	77
				1990							
453	120	16	103	July	333	18	20	82	17	118	77
453	119	16	103	August	334	18	20	82	17	118	78
452	118	16	102	September	334	19	20	82	17	119	77
452	118	15	102	October	334	18	20	82	17	119	77
452	117	15	101	November	334	19	20	82	17	119	77
452	117	15	101	December	335	19	20	82	18	120	77
				1991							
451	117	15	101	January	334	18	20	83	18	119	77
452	116	16	100	February	336	18	20	83	18	120	77
450	114	16	98	March	336	19	20	83	18	120	77
450	114	16	98	April	336	19	20	83	18	120	76
452	115	16	99	May	337	19	20	83	18	121	77
452	115	16	99	June	337	19	20	83	18	121	76
452	114	16	98	July	338	19	20	84	18	121	76

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Dayton–Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	448.9	454.0	449.6	-5.1	-.6
Goods-Producing Industries[e]	116.0	116.3	121.4	-.3	-5.4
Construction	17.0	16.5	17.1	.5	-.1
Manufacturing	98.6	99.3	103.9	-.8	-5.3
Durable Goods[f]	69.7	70.0	74.3	-.3	-4.6
Fabricated Metal Products	7.8	7.8	8.4	.0	-.6
Industrial Machinery and Equipment	29.4	29.3	31.3	.1	-1.9
Metalworking Machinery	7.6	7.6	8.6	.0	-1.0
General Industrial Machinery	2.8	2.7	2.9	.1	-.1
Electronic and Other Electric Equipment	3.2	3.3	3.5	-.1	-.3
Transportation Equipment	20.9	20.9	21.8	-.1	-1.0
Motor Vehicles and Equipment	18.2	18.2	18.7	.0	-.5
Nondurable Goods[g]	28.9	29.4	29.6	-.5	-.7
Food and Kindred Products	2.8	2.8	2.7	-.1	.1
Paper and Allied Products	6.3	6.3	6.4	.0	.0
Printing and Publishing	8.4	8.6	9.0	-.1	-.5
Rubber and Miscellaneous Plastics Products	7.7	7.9	7.9	-.2	-.1
Service-Producing Industries	333.0	337.7	328.2	-4.7	4.8
Transportation and Public Utilities	18.9	19.0	18.4	.0	.5
Transportation	12.3	12.4	11.9	.0	.4
Trucking and Warehousing	6.1	6.0	6.1	.1	.0
Communications, Electric, Gas Services	6.6	6.6	6.5	.0	.1
Communications	3.4	3.4	3.4	.0	.0
Wholesale Trade	20.2	20.2	20.0	.1	.3
Wholesale Trade-Durable Goods	13.6	13.7	13.6	.0	.0
Wholesale Trade-Nondurable Goods	6.6	6.5	6.4	.1	.2
Retail Trade	83.5	83.9	82.0	-.5	1.4
General Merchandise Stores	12.6	12.6	12.6	.0	.0
Finance, Insurance, and Real Estate	18.1	18.0	17.7	.1	.5
Finance	9.7	9.7	9.6	.0	.1
Depository Institutions	7.4	7.4	7.3	.0	.1
Insurance	4.7	4.6	4.4	.1	.3
Services	120.6	121.2	117.6	-.5	3.0
Business Services	25.0	25.0	24.1	.0	.8
Personnel Supply Services	7.7	7.6	7.2	.1	.5
Computer and Data Processing Services	6.2	6.2	5.9	.1	.3
Health Services	40.4	40.1	39.3	.3	1.1
Nursing and Personal Care Facilities	7.1	7.1	7.0	.0	.2
Hospitals	20.3	20.1	19.9	.2	.4
Educational Services	5.9	6.6	5.6	-.7	.3
Social Services	6.5	6.6	6.2	-.1	.3
Engineering and Management Services	10.4	10.4	10.5	.0	-.1
Research and Testing Services	3.3	3.2	3.3	.0	.0
Government	71.6	75.5	72.6	-3.9	-1.0
Federal Government	28.1	28.2	29.1	.0	-.9
State Government	6.8	7.8	6.7	-.9	.1
State Government Education[h]	3.9	4.8	3.7	-.9	.2
Local Government	36.7	39.6	36.8	-3.0	-.1
Local Government Education	20.0	23.1	20.2	-3.1	-.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

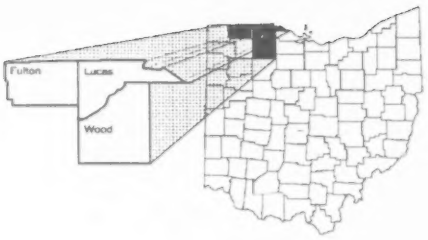
Not Seasonally Adjusted

Dayton–Springfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$594.45	$593.89	$570.54	42.4	42.3	42.2	$14.02	$14.04	$13.52
Durable Goods[f]	618.19	615.73	590.01	42.9	42.7	42.6	14.4	14.42	13.85
Fabricated Metal Products	414.83	401.17	395.69	41.4	40.4	40.5	10.02	9.93	9.77
Industrial Machinery and Equipment	640.76	642.23	598.77	43.5	43.6	42.8	14.73	14.73	13.99
Metalworking Machinery	584.21	598.07	579.44	43.5	44.4	44.3	13.43	13.47	13.08
General Industrial Machinery	601.96	574.76	501.73	46.7	45.4	42.7	12.89	12.66	11.75
Electronic and Other Electric Equipment	379.39	385.12	387.82	41.6	41.5	42.9	9.12	9.28	9.04
Transportation Equipment	785.81	783.98	752.48	43.9	43.7	43.8	17.90	17.94	17.18
Motor Vehicles and Equipment	796.65	799.71	762.56	43.7	43.7	43.8	18.23	18.30	17.41
Nondurable Goods[g]	532.25	535.60	512.50	41.1	41.2	41.0	12.95	13.00	12.50
Food and Kindred Products	359.88	357.21	337.74	40.3	40.5	39.0	8.93	8.82	8.66
Paper and Allied Products	512.83	514.46	490.16	42.7	42.8	43.3	12.01	12.02	11.32
Printing and Publishing	483.17	462.43	460.60	39.8	38.6	39.3	12.14	11.98	11.72
Rubber and Miscellaneous Plastics Products	683.20	707.47	695.93	40.0	40.8	41.4	17.08	17.34	16.81
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	623.42	614.54	570.04	41.7	41.3	40.4	14.95	14.88	14.11
Communications	652.70	633.95	575.48	42.8	41.9	40.3	15.25	15.13	14.28
Wholesale Trade	392.17	394.57	394.02	39.1	39.3	39.6	10.03	10.04	9.95
Retail Trade[i]	185.82	183.58	179.47	28.5	28.2	28.9	6.52	6.51	6.21
General Merchandise Stores	205.91	194.42	187.41	29.5	28.3	28.7	6.98	6.87	6.53
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	.....	.....	.....	....	....	....	.....	.....	.....
Depository Institutions	279.88	282.05	270.29	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	428.25	420.70	421.26	33.8	33.9	34.7	12.67	12.41	12.14

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

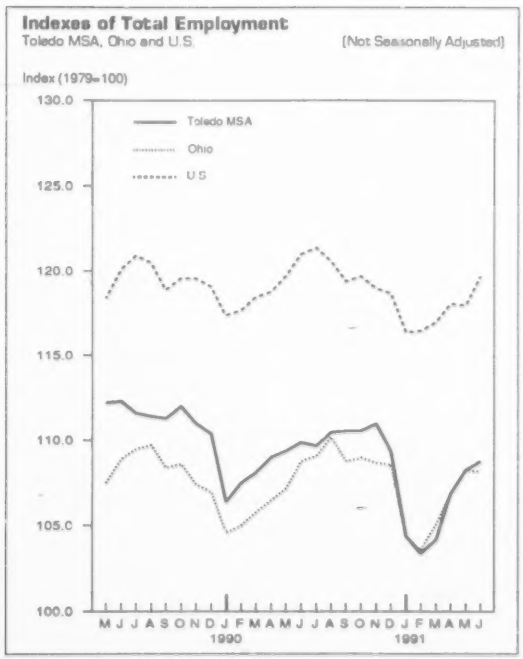
Toledo Metropolitan Statistical Area

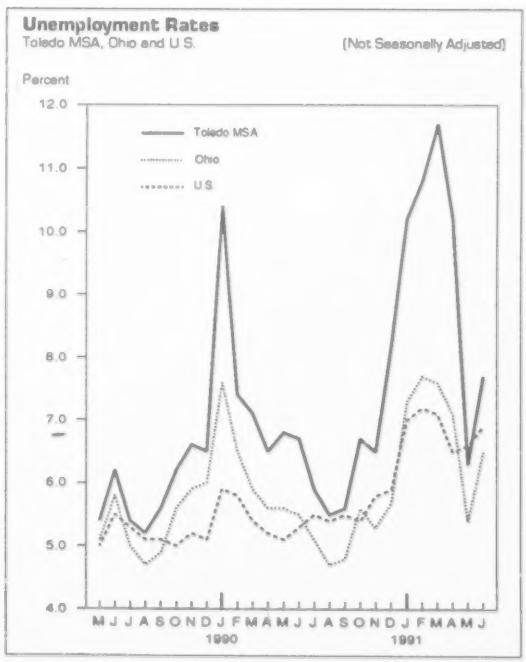


Nonfarm wage and salary employment in the Toledo metropolitan area dropped 8,500 below the June level to 283,600 in July 1991. Seasonal layoffs of nonteaching personnel in local and state schools and colleges helped lower employment in service-producing industries 4,300. Employment in the goods-producing sector fell 4,200 over the month to 66,200 due to temporary layoffs in durable-goods manufacturing, particularly in transportation equipment (-4,400). Factory production workers averaged $13.63 per hour, down 36 cents from June. Their average workweek of 42.3 hours was 0.4 hours longer.

Nonagricultural payroll employment declined 5,300 between July 1990 and July 1991. Current layoffs and over-the-year cutbacks in durable-goods manufacturing reduced the workforce in goods-producing industries 6,900. Noteworthy losses were posted in transportation equipment, stone, clay, and glass products, and fabricated metal products. Expansion in service-producing industries created 1,600 jobs during the period. Growth in services, especially health services, outweighed declines in retail trade.

Seasonally adjusted employment in the Toledo area totaled 287,000 in July 1991, down 4,000 from June due to temporary shutdowns in manufacturing. Since July 1990, nonfarm payroll employment dropped 5,000. Scattered decreases, primarily in manufacturing, overshadowed moderate growth in services.





Toledo MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.5	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.23
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
307.6	285.1	22.5	7.3	1987	278.0	62.2	43.7	540.60	42.5	12.72
311.0	292.7	18.2	5.9	1988	286.6	62.7	44.9	566.78	43.2	13.12
316.2	297.4	18.8	6.0	1989	291.9	61.5	43.9	576.81	43.5	13.26
313.9	292.1	21.8	6.9	1990	290.7	59.2	42.2	580.13	43.1	13.46
				1990						
311.6	293.1	18.5	5.9	July	288.9	60.4	43.4	576.09	42.8	13.46
312.3	295.2	17.1	5.5	August	288.4	60.4	43.5	584.87	43.1	13.57
312.9	295.4	17.5	5.6	September	294.4	61.1	44.2	610.94	44.4	13.76
316.7	295.4	21.2	6.7	October	294.8	59.5	42.8	585.30	43.1	13.58
317.3	296.6	20.7	6.5	November	295.7	59.5	42.5	595.88	43.4	13.73
318.4	292.3	26.1	8.2	December	291.4	55.2	38.4	573.52	42.8	13.40
				1991						
310.7	279.0	31.7	10.2	January	281.7	53.9	37.2	566.95	42.5	13.34
309.6	276.2	33.4	10.8	February	280.0	52.9	36.2	561.26	42.2	13.30
315.2	278.4	36.8	11.7	March	280.4	50.1	33.5	549.87	42.2	13.03
318.2	285.6	32.6	10.2	April	285.7	53.1	36.5	570.97	42.2	13.53
308.8	289.4	19.4	6.3	May	288.9	53.4	36.8	570.88	42.1	13.56
315.1	290.8	24.3	7.7	June	292.1	58.3	41.6	586.18	41.9	13.99
INA	INA	INA	INA	July	283.6	53.8	37.1	576.55	42.3	13.63

INA – Information not available

Toledo MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
257	77	10	66	1980	180	16	14	46	9	54	40
254	76	9	66	1981	179	16	14	46	9	55	39
244	68	7	60	1982	177	14	14	44	9	57	38
245	67	7	60	1983	178	14	14	44	9	58	39
257	73	8	65	1984	184	14	15	47	10	59	39
265	74	9	66	1985	190	14	15	50	10	62	40
272	73	9	63	1986	199	14	15	52	11	67	41
278	73	10	62	1987	206	14	15	54	12	70	42
287	74	11	63	1988	213	13	15	57	12	73	42
292	74	12	62	1989	218	14	16	58	12	75	43
291	71	12	59	1990	219	15	15	57	12	77	44
				1990							
292	72	12	60	July	220	15	15	57	12	77	44
292	72	12	60	August	220	15	15	57	12	77	44
291	72	12	60	September	220	15	15	57	12	77	44
290	71	11	59	October	220	15	15	57	12	77	44
291	71	11	59	November	220	15	15	57	12	77	44
287	67	11	56	December	220	15	15	56	12	78	44
				1991							
287	66	11	55	January	221	15	15	56	12	78	44
285	65	11	54	February	220	15	15	56	12	78	43
283	62	11	51	March	221	15	15	56	12	79	44
286	65	11	53	April	221	15	15	56	12	79	44
287	65	11	54	May	222	15	15	56	12	79	44
291	70	11	58	June	222	14	15	56	12	80	44
287	65	11	54	July	221	14	15	56	12	80	44

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	283.6	292.1	288.9	-8.5	-5.3
Goods-Producing Industries[e]	66.2	70.4	73.1	-4.2	-6.9
Construction	12.2	11.9	12.4	.3	-.2
Manufacturing	53.8	58.3	60.4	-4.5	-6.7
Durable Goods[f]	38.8	43.2	45.4	-4.5	-6.7
Stone, Clay, and Glass Products	7.3	7.3	8.1	.0	-.9
Primary Metal Industries	3.0	3.1	3.1	-.1	-.2
Fabricated Metal Products	6.5	6.4	6.9	.1	-.4
Metal Forgings and Stampings	2.5	2.4	2.7	.1	-.2
Industrial Machinery and Equipment	5.6	5.7	5.8	-.1	-.2
Transportation Equipment	9.3	13.6	14.5	-4.4	-5.2
Nondurable Goods[g]	15.0	15.1	15.0	.0	.0
Food and Kindred Products	3.6	3.8	3.7	-.1	-.1
Rubber and Miscellaneous Plastics Products	3.8	3.7	3.8	.1	.0
Service-Producing Industries	217.3	221.7	215.8	-4.3	1.6
Transportation and Public Utilities	14.7	14.5	15.0	.2	-.2
Transportation	9.9	9.8	10.2	.2	-.2
Communications, Electric, Gas Services	4.8	4.8	4.8	.0	.0
Wholesale Trade	15.1	15.1	15.4	.0	-.3
Wholesale Trade-Durable Goods	9.9	9.8	10.0	.1	-.2
Wholesale Trade-Nondurable Goods	5.3	5.3	5.4	.0	-.1
Retail Trade	56.3	56.8	57.1	-.4	-.8
General Merchandise Stores	8.4	8.3	8.5	.1	-.1
Finance, Insurance, and Real Estate	12.2	12.2	12.2	.0	.0
Finance	6.2	6.2	6.3	.0	-.1
Insurance	3.8	3.8	3.8	.0	.1
Services	80.6	80.8	77.6	-.2	2.9
Business Services	13.3	13.1	13.0	.2	.3
Personnel Supply Services	5.2	5.1	4.9	.1	.3
Health Services	29.6	29.2	28.1	.3	1.5
Nursing and Personal Care Facilities	4.3	4.1	4.1	.1	.2
Hospitals	15.9	15.7	15.2	.1	.6
Engineering and Management Services	6.4	6.4	6.1	.0	.3
Government	38.4	42.3	38.5	-3.9	-.1
Federal Government	2.4	2.4	2.8	.0	-.4
State Government	13.1	14.3	13.1	-1.2	-.1
State Government Education[h]	8.7	9.9	8.7	-1.3	.0
Local Government	22.9	25.6	22.5	-2.7	.4
Local Government Education	12.1	14.9	11.5	-2.8	.6

Hours and Earnings of Production or Nonsupervisory Workers[a]

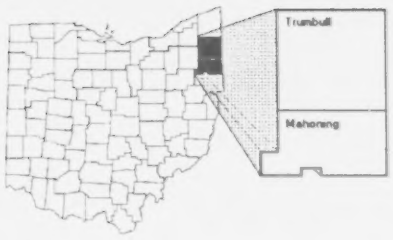
Not Seasonally Adjusted

Toledo MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$576.55	$586.18	$576.09	42.3	41.9	42.8	$13.63	$13.99	$13.46
Durable Goods[f]	576.87	588.80	582.00	42.2	41.7	42.7	13.67	14.12	13.63
Stone, Clay, and Glass Products	546.84	520.68	540.33	42.0	40.3	43.4	13.02	12.92	12.45
Primary Metal Industries	580.93	572.50	524.96	46.4	45.8	45.1	12.52	12.50	11.64
Fabricated Metal Products	537.18	546.98	489.72	42.0	42.8	42.4	12.79	12.78	11.55
Metal Forgings and Stampings	768.68	763.84	661.99	44.0	44.0	41.4	17.47	17.36	15.99
Industrial Machinery and Equipment	482.21	494.21	510.41	40.9	41.6	43.0	11.79	11.88	11.87
Transportation Equipment	749.63	730.18	735.91	41.6	41.3	42.1	18.02	17.68	17.48
Nondurable Goods[g]	573.67	576.73	556.85	42.4	42.5	43.1	13.53	13.57	12.92
Food and Kindred Products	773.14	767.79	704.05	47.2	47.6	47.7	16.38	16.13	14.76
Rubber and Miscellaneous Plastics Products	346.76	344.73	380.69	40.7	40.7	41.2	8.52	8.47	9.24
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	680.24	663.28	638.69	43.3	42.6	41.1	15.71	15.57	15.54
Wholesale Trade	428.25	422.53	413.52	39.8	39.6	39.8	10.76	10.67	10.39
Retail Trade[i]	176.63	175.07	169.46	27.3	27.1	27.6	6.47	6.46	6.14
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	352.36	355.02	355.11	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor- management disputes.

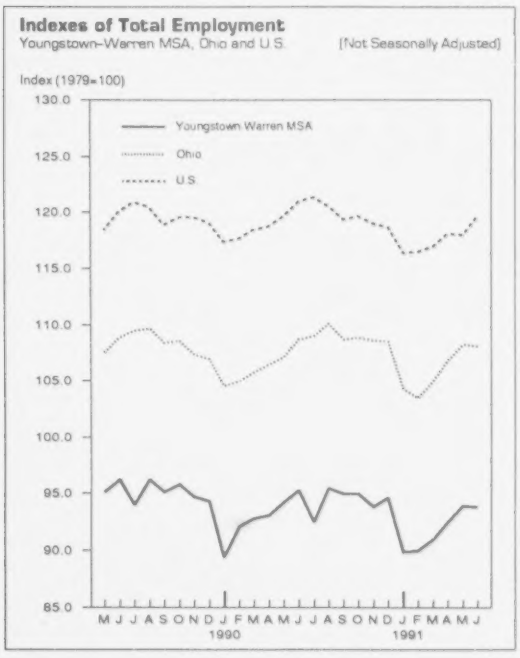
Youngstown-Warren Metropolitan Statistical Area

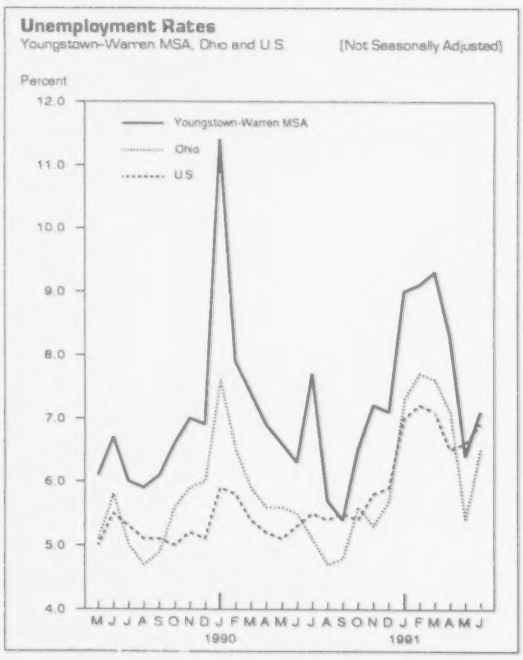


Nonfarm payroll employment in the Youngstown-Warren metropolitan area dropped 2,600 below the June level to 197,800 in July 1991. Seasonal layoffs of nonteaching personnel in local and state schools and colleges lowered employment in service-producing industries 2,400. The workforce in the goods-producing sector decreased 200 over the month to 56,800. Reductions in manufacturing, particularly primary metal industries and fabricated metal products, outweighed improvements in construction. Factory production workers averaged $15.13 per hour, down 47 cents from June. Their average workweek of 40.3 hours was 1.9 hours shorter.

Nonagricultural wage and salary employment advanced 4,400 between July 1990 and July 1991. The number of jobs in goods-producing industries increased 3,300 above the year-ago level. Temporary shutdowns for model changeovers in transportation equipment significantly reduced manufacturing employment in July 1990. Expansion in service-producing industries added 1,100 employees to the workforce. Growth in services more than offset declines in transportation and public utilities and in retail trade.

Seasonally adjusted employment in the Youngstown-Warren area rose 2,000 from June to 199,000 in July 1991 mainly due to an increase in manufacturing. Since July 1990, nonfarm payroll employment advanced 4,000. Improvements were posted in manufacturing, services, and government.





Youngstown–Warren MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	$409.77	39.9	$10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.4	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.6	200.0	21.6	9.7	1987	188.3	48.9	36.7	567.91	42.7	13.30
221.3	204.9	16.4	7.4	1988	193.8	50.5	38.5	574.86	42.3	13.59
223.2	208.4	14.9	6.7	1989	197.5	50.0	37.9	599.63	42.8	14.01
221.8	205.9	15.9	7.2	1990	197.7	48.0	35.6	625.98	42.7	14.66
				1990						
220.2	203.3	16.9	7.7	July	193.4	43.9	31.4	604.56	42.1	14.36
222.8	210.0	12.8	5.7	August	198.1	48.7	36.2	605.48	41.7	14.52
220.9	209.0	11.9	5.4	September	200.8	49.4	37.1	682.12	44.7	15.26
223.3	208.8	14.5	6.5	October	201.0	48.9	36.7	664.02	43.4	15.30
222.4	206.4	16.1	7.2	November	198.4	47.0	34.5	659.89	43.3	15.24
224.3	208.3	16.0	7.1	December	200.4	48.2	35.7	641.21	41.8	15.34
				1991						
217.4	197.8	19.6	9.0	January	192.7	46.3	34.0	655.19	42.6	15.38
217.8	197.9	19.9	9.1	February	193.7	47.5	35.2	645.54	42.0	15.37
220.6	200.0	20.6	9.3	March	194.5	47.0	34.8	651.42	42.3	15.40
221.8	203.4	18.4	8.3	April	196.4	47.6	35.4	627.06	41.2	15.22
220.7	206.7	14.0	6.4	May	199.3	47.9	35.7	629.41	41.3	15.24
222.2	206.4	15.8	7.1	June	200.4	48.3	36.1	658.32	42.2	15.60
INA	INA	INA	INA	July	197.8	47.8	35.5	609.74	40.3	15.13

INA – Information not available

Youngstown–Warren MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
203	78	7	71	1980	125	10	8	37	7	38	26
199	75	6	67	1981	124	9	8	36	7	39	25
181	59	5	53	1982	121	8	8	35	7	39	24
177	58	5	53	1983	119	8	8	34	7	39	24
182	61	6	55	1984	121	8	8	35	7	40	23
184	60	6	53	1985	124	8	9	37	7	41	23
187	59	7	52	1986	128	8	9	37	8	43	24
188	57	7	49	1987	131	8	10	39	8	44	24
194	58	7	51	1988	135	8	10	40	8	45	24
197	58	8	50	1989	139	8	11	42	9	46	24
198	57	8	48	1990	141	7	11	42	8	48	24
				1990							
195	54	8	45	July	141	7	11	42	8	48	24
199	58	8	49	August	141	7	11	42	8	48	24
198	57	8	48	September	141	7	11	42	8	48	24
198	57	8	48	October	142	7	11	42	8	48	25
197	55	8	47	November	141	7	11	42	8	48	24
199	57	8	48	December	142	7	11	42	8	48	24
				1991							
198	56	8	48	January	142	7	11	42	8	48	24
198	56	8	48	February	142	7	11	42	8	48	24
197	55	8	47	March	142	7	11	42	8	48	24
197	56	8	48	April	141	7	11	42	8	49	24
197	56	8	47	May	141	7	11	42	8	49	24
197	56	8	47	June	142	7	11	42	8	49	25
199	58	8	49	July	142	7	11	42	8	49	25

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Youngstown–Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	197.8	200.4	193.4	-2.6	4.4
Goods-Producing Industries[e]	56.8	57.0	53.5	-.2	3.3
Construction	8.6	8.3	9.1	.3	-.5
Manufacturing	47.8	48.3	43.9	-.5	3.9
Durable Goods[f]	41.9	42.5	38.6	-.6	3.3
Primary Metal Industries	17.6	18.0	18.2	-.4	-.6
Blast Furnace and Basic Steel Products	6.4	6.4	6.4	.0	-.1
Fabricated Metal Products	7.0	7.1	7.2	-.1	-.2
Metal Forgings and Stampings	3.6	3.8	3.8	-.1	-.2
Industrial Machinery and Equipment	4.0	3.9	4.3	.0	-.3
Transportation Equipment	8.7	8.6	4.0	.0	4.7
Nondurable Goods[g]	5.9	5.8	5.3	.1	.6
Service-Producing Industries	141.0	143.5	139.9	-2.4	1.1
Transportation and Public Utilities	7.0	7.1	7.3	-.1	-.3
Wholesale Trade	11.4	11.4	11.5	.0	-.1
Wholesale Trade-Durable Goods	6.7	6.6	6.8	.0	-.1
Wholesale Trade-Nondurable Goods	4.7	4.8	4.7	.0	.1
Retail Trade	42.3	42.5	42.5	-.3	-.3
General Merchandise Stores	5.3	5.2	5.7	.1	-.4
Finance, Insurance, and Real Estate	8.4	8.4	8.4	.0	.0
Finance	4.8	4.8	4.7	.0	.1
Services	49.9	49.6	48.3	.2	1.6
Health Services	22.0	21.8	21.6	.2	.4
Nursing and Personal Care Facilities	5.2	5.1	5.1	.1	.0
Hospitals	10.8	10.8	10.7	.0	.1
Government	22.1	24.4	21.9	-2.3	.2
State Government	3.4	4.6	3.5	-1.2	-.1
State Government Education[h]	1.9	3.0	1.9	-1.2	.0
Local Government	16.6	17.8	16.0	-1.1	.6
Local Government Education	9.6	10.9	9.0	-1.3	.6

Hours and Earnings of Production or Nonsupervisory Workers[a]

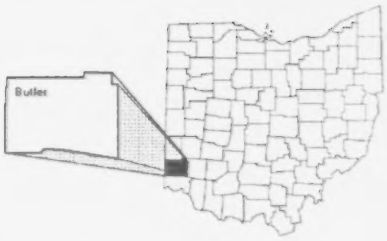
Not Seasonally Adjusted

Youngstown–Warren MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$609.74	$658.32	$604.56	40.3	42.2	42.1	$15.13	$15.60	$14.36
Durable Goods[f]	630.18	678.92	619.29	40.5	42.3	42.1	15.56	16.05	14.71
Primary Metal Industries	654.43	666.26	690.26	40.1	40.7	42.9	16.32	16.37	16.09
Blast Furnace and Basic Steel Products	624.63	617.14	662.63	44.3	43.8	46.5	14.10	14.09	14.25
Fabricated Metal Products	630.94	731.87	598.33	41.4	44.9	41.9	15.24	16.30	14.28
Metal Forgings and Stampings	758.78	920.33	715.28	41.6	47.1	42.5	18.24	19.54	16.83
Industrial Machinery and Equipment	491.93	485.85	502.25	39.8	39.5	40.8	12.36	12.30	12.31
Transportation Equipment	702.48	825.33	702.41	40.7	45.1	44.4	17.26	18.30	15.82
Nondurable Goods[g]	438.01	470.60	463.70	38.9	41.1	41.7	11.26	11.45	11.12
Wholesale Trade	392.33	394.20	377.30	37.4	37.4	38.5	10.49	10.54	9.80
Retail Trade[i]	188.92	188.50	182.27	27.3	27.2	27.7	6.92	6.93	6.58
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	238.10	233.76	225.26	....	....	....	.....	.....	.....

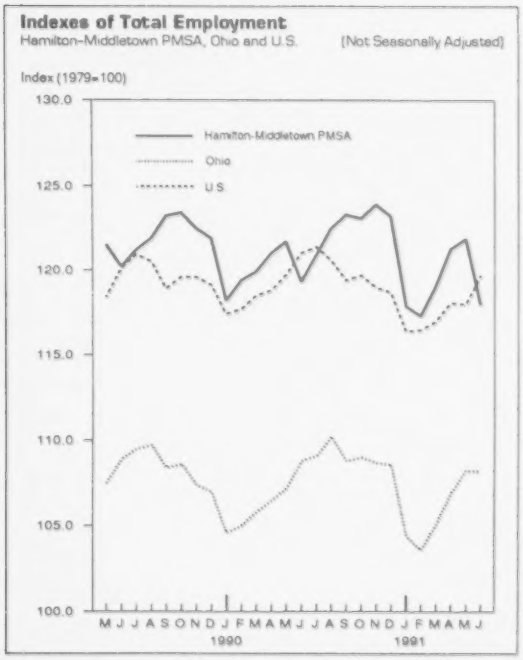
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

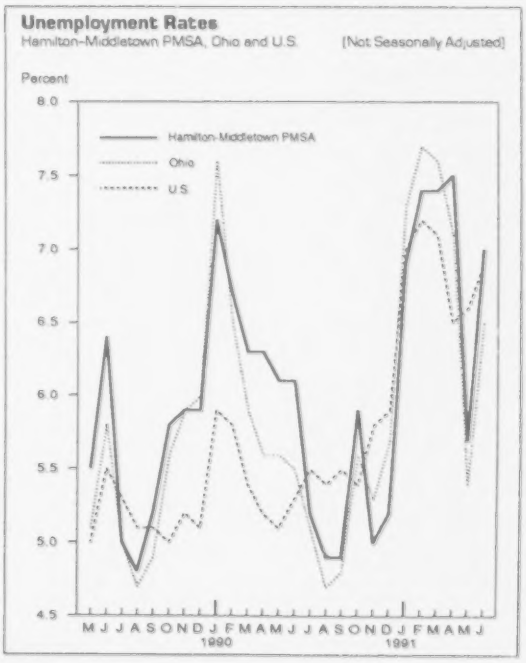
Hamilton-Middletown
Primary Metropolitan Statistical Area



Nonfarm wage and salary employment in the Hamilton-Middletown metropolitan area totaled 93,000 in July 1991, down 1,200 from June. Seasonal layoffs of nonteaching personnel in local schools and less business in retail trade lowered employment in service-producing industries 1,000. Employment in goods-producing industries declined 200 over the month to 26,100 due to decreases in construction and mining. Manufacturing production workers averaged $15.03 per hour, down fractionally from June. Their average workweek of 46.5 hours was 1.0 hour shorter.

Nonagricultural payroll employment dropped 1,100 between July 1990 and July 1991. Reductions in manufacturing and modest declines in construction and mining lowered employment in the goods-producing sector 1,400. Noteworthy losses occurred in primary metal industries, fabricated metal products, paper and allied products, and industrial machinery and equipment. Growth in service-producing industries created 300 jobs. Expansion in services, particularly health services, and in local and state government outweighed nominal losses in retail trade and finance, insurance, and real estate.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	130.3	132.8	130.5	-2.5	-.2
Employment	121.2	125.2	122.5	-4.0	-1.4
Unemployment	9.1	7.6	7.9	1.5	1.2
Unemployment Rate	7.0	5.7	6.1		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	93.0	94.2	94.1	-1.2	-1.1
Goods–Producing Industries	26.1	26.3	27.5	-.2	-1.4
Construction and Mining	5.9	6.1	6.2	-.2	-.3
Manufacturing	20.2	20.2	21.3	.0	-1.1
Durable Goods	13.9	14.0	14.9	-.1	-1.0
Primary Metal Industries	6.2	6.2	6.4	-.1	-.2
Fabricated Metal Products	2.3	2.3	2.5	.0	-.2
Industrial Machinery and Equipment	2.3	2.3	2.4	.0	-.1
Nondurable Goods	6.3	6.2	6.4	.0	-.1
Paper and Allied Products	4.4	4.4	4.6	.0	-.2
Paper Mills	3.2	3.2	3.4	.0	-.2
Service–Producing Industries	66.9	67.9	66.6	-1.0	.3
Transportation and Public Utilities	3.3	3.4	3.4	.0	.0
Wholesale Trade	6.0	5.9	6.0	.0	.0
Wholesale Trade–Durable Goods	4.1	4.0	4.1	.1	.0
Retail Trade	17.6	17.8	17.8	-.3	-.2
Food Stores	3.5	3.4	3.5	.0	.0
Finance, Insurance, and Real Estate	4.5	4.5	4.6	.0	-.1
Services	20.6	20.6	20.2	.0	.4
Health Services	9.1	9.1	8.7	.1	.5
Government	14.9	15.7	14.7	-.7	.3
State Government (Includes Education)	4.1	3.9	3.9	.2	.1
Local Government	10.2	11.1	10.0	-.9	.2
Local Government Education	6.3	7.3	6.3	-1.0	.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

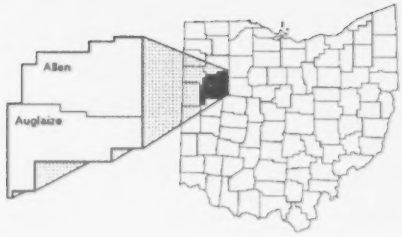
Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$698.90	$716.30	$634.30	46.5	47.5	45.6	$15.03	$15.08	$13.91
Durable Goods	736.46	753.59	655.96	47.3	48.4	46.0	15.57	15.57	14.26
Primary Metal Industries	886.60	893.14	771.75	52.0	52.2	49.0	17.05	17.11	15.75
Fabricated Metal Products	509.12	540.02	486.01	39.9	41.7	40.1	12.76	12.95	12.12
Industrial Machinery and Equipment	678.73	697.62	624.00	45.4	46.2	48.0	14.95	15.10	13.00
Nondurable Goods	602.98	619.69	581.55	44.5	45.2	44.7	13.55	13.71	13.01
Paper and Allied Products	640.33	651.46	605.36	46.2	46.8	46.0	13.86	13.92	13.16
Paper Mills	643.03	654.70	605.21	45.8	46.4	45.3	14.04	14.11	13.36
Wholesale Trade	450.15	440.98	429.86	40.3	39.8	40.9	11.17	11.08	10.51
Retail Trade[f]	185.36	182.92	180.00	28.0	27.8	28.8	6.62	6.58	6.25

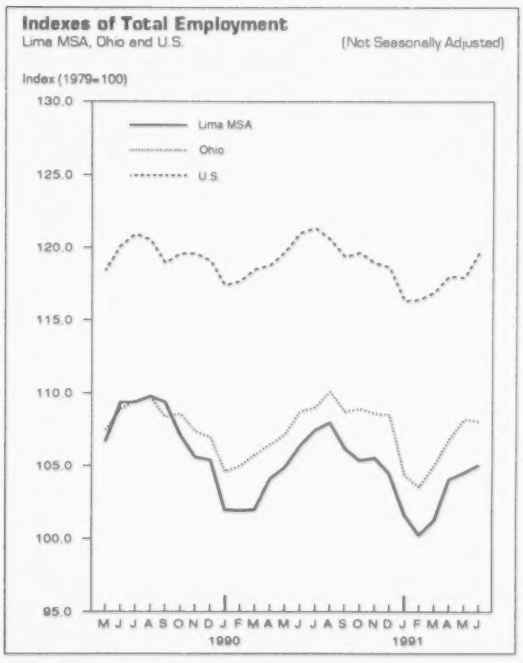
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

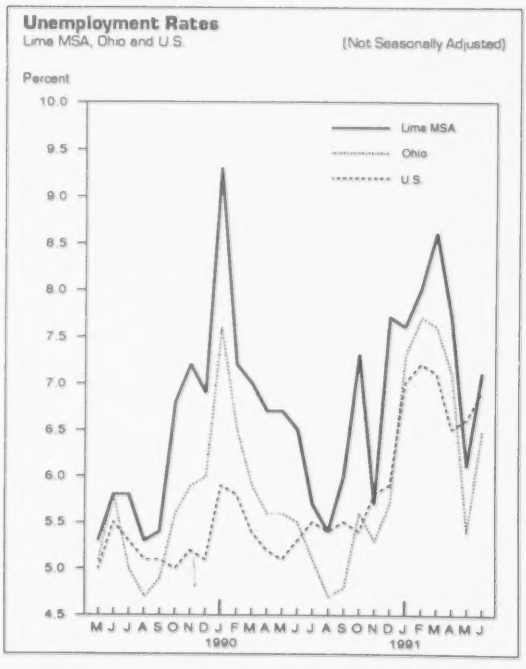
Lima Metropolitan Statistical Area



Nonagricultural wage and salary employment in the Lima metropolitan area declined 200 from the June level to 73,500 in July 1991. Seasonal layoffs of nonteaching personnel in local schools lowered employment in service-producing industries 400. More business in construction and mining and improvements in manufacturing, especially transportation equipment, raised employment in the goods-producing sector 200 to 25,500. Factory production workers averaged $13.80 per hour, down 11 cents from June. Their average workweek was 0.6 hours shorter at 42.5 hours.

Nonfarm payroll employment decreased 200 between July 1990 and July 1991. Goods-producing industries lost 1,100 jobs over the year due to scattered declines among producers of durable goods, particularly industrial machinery and equipment and transportation equipment. Growth in services raised employment in service-producing industries 900.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lima MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	78.2	77.0	78.7	1.2	-.4
Employment	72.6	72.3	73.5	.4	-.9
Unemployment	5.6	4.7	5.1	.9	.5
Unemployment Rate	7.1	6.1	6.5		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lima MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	73.5	73.7	73.7	-.2	-.2
Goods-Producing Industries	25.5	25.2	26.6	.2	-1.1
Construction and Mining	3.5	3.3	3.5	.2	-.1
Manufacturing	22.0	22.0	23.0	.1	-1.0
Durable Goods	15.2	15.2	16.4	.0	-1.2
Fabricated Metal Products	2.6	2.5	2.5	.0	.1
Industrial Machinery and Equipment	3.9	3.9	4.4	.0	-.5
Transportation Equipment	6.3	6.2	6.7	.1	-.4
Motor Vehicles and Equipment	3.5	3.4	3.5	.1	.0
Nondurable Goods	6.8	6.8	6.7	.0	.1
Food and Kindred Products	2.0	2.0	1.9	.0	.2
Rubber and Miscellaneous Plastics Products	2.0	2.1	2.1	.0	.0
Service-Producing Industries	48.0	48.4	47.1	-.4	.9
Transportation and Public Utilities	3.2	3.2	3.2	.1	.1
Wholesale Trade	3.4	3.4	3.5	.0	-.1
Retail Trade	13.7	13.8	13.8	-.1	-.1
General Merchandise Stores	2.1	2.1	2.1	.0	.0
Finance, Insurance, and Real Estate	2.1	2.1	2.1	.0	.0
Services	16.3	16.2	15.3	.1	1.0
Health Services	6.9	6.8	6.5	.1	.4
Hospitals	3.3	3.2	3.2	.0	.1
Government	9.3	9.8	9.3	-.5	.0
Local Government	6.9	7.4	6.9	-.4	.1
Local Government Education	3.6	4.1	3.6	-.4	.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

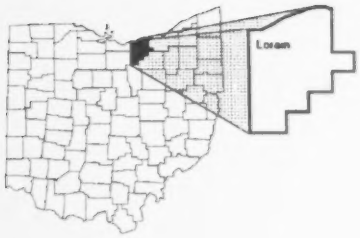
Not Seasonally Adjusted

Lima MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$586.50	$599.52	$551.69	42.5	43.1	41.7	$13.80	$13.91	$13.23
Durable Goods	589.26	596.07	545.65	42.7	43.1	41.4	13.80	13.83	13.18
Fabricated Metal Products	382.22	406.51	352.88	41.5	43.2	40.1	9.21	9.41	8.80
Industrial Machinery and Equipment	497.71	483.52	449.86	40.3	39.6	39.6	12.35	12.21	11.36
Transportation Equipment	764.65	775.18	706.49	44.9	45.2	43.0	17.03	17.15	16.43
Motor Vehicles and Equipment	875.95	894.82	820.73	47.4	47.8	46.5	18.48	18.72	17.65
Nondurable Goods	581.82	605.44	568.71	42.1	43.0	42.6	13.82	14.08	13.35
Food and Kindred Products	410.48	401.04	383.26	43.3	42.8	41.3	9.48	9.37	9.28
Rubber and Miscellaneous Plastics Products	616.28	694.71	627.00	43.4	46.5	45.8	14.20	14.94	13.69
Wholesale Trade	380.03	375.17	366.11	38.7	38.4	37.9	9.82	9.77	9.66
Retail Trade[f]	195.74	196.34	191.88	30.3	30.3	30.7	6.46	6.48	6.25
General Merchandise Stores	188.06	185.65	172.70	28.8	28.3	27.9	6.53	6.56	6.19

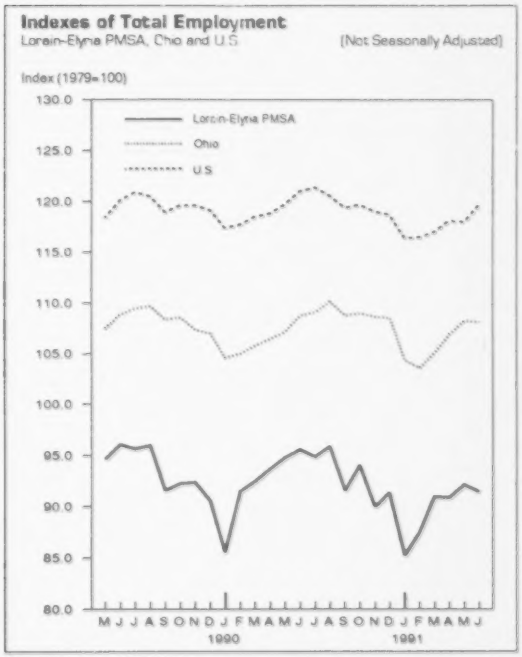
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

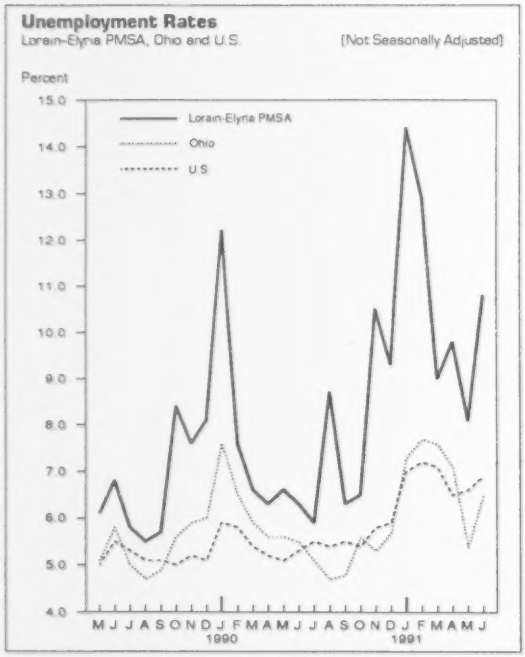
Lorain-Elyria
Primary Metropolitan Statistical Area



Nonfarm payroll employment in the Lorain-Elyria metropolitan area totaled 90,500 in July 1991, down 2,200 from June. Seasonal layoffs of nonteaching personnel in local schools and less business in services, retail trade, and transportation and public utilities lowered employment in service-producing industries 2,200. Employment in goods-producing industries was unchanged over the month at 30,700. Increases in construction and mining offset declines in manufacturing, especially primary metal industries. Factory production workers averaged $13.62 per hour, down fractionally from June. Their average workweek remained at 42.4 hours.

Nonagricultural wage and salary employment fell 3,600 between July 1990 and July 1991. Over-the-year cutbacks in durable-goods manufacturing, particularly transportation equipment, lowered employment in goods-producing industries 3,300. Moderate reductions were posted in primary metal industries and fabricated metal products. Employment in service-producing industries decreased 300 during the period. Declines in government and retail trade outweighed gains in services and transportation and public utilities.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	122.1	119.5	121.5	2.6	.7
Employment	109.0	109.9	113.9	-.9	-4.9
Unemployment	13.1	9.7	7.6	3.5	5.5
Unemployment Rate	10.8	8.1	6.3		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	90.5	92.7	94.1	-2.2	-3.6
Goods–Producing Industries	30.7	30.7	34.0	.0	-3.3
Construction and Mining	5.1	5.0	5.1	.1	.0
Manufacturing	25.6	25.7	28.9	-.1	-3.3
Durable Goods	21.0	21.1	24.3	-.1	-3.3
Primary Metal Industries	4.0	4.1	4.5	-.1	-.5
Fabricated Metal Products	3.7	3.7	4.1	.0	-.4
Transportation Equipment	5.8	5.8	8.2	.0	-2.4
Nondurable Goods	4.6	4.6	4.6	.0	.0
Service–Producing Industries	59.8	62.0	60.1	-2.2	-.3
Transportation and Public Utilities	3.4	3.5	3.2	-.1	.2
Wholesale Trade	2.6	2.6	2.6	.0	.0
Retail Trade	16.5	16.7	16.8	-.2	-.3
Finance, Insurance, and Real Estate	2.9	2.9	3.1	.0	-.1
Services	21.6	21.9	21.3	-.3	.3
Health Services	8.6	8.5	8.3	.1	.3
Hospitals	3.9	3.9	3.9	.0	.0
Government	12.8	14.4	13.2	-1.6	-.4
Local Government	10.4	12.1	10.7	-1.6	-.2
Local Government Education	6.1	7.5	6.1	-1.4	.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

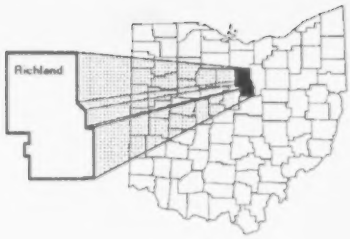
Not Seasonally Adjusted

Lorain–Elyria PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$577.49	$577.91	$566.32	42.4	42.4	42.2	$13.62	$13.63	$13.42
Durable Goods	611.89	611.75	596.52	43.0	42.9	42.7	14.23	14.26	13.97
Primary Metal Industries	619.06	619.04	629.41	41.8	42.4	44.2	14.81	14.60	14.24
Fabricated Metal Products	445.88	442.21	415.67	43.5	43.1	42.2	10.25	10.26	9.85
Transportation Equipment	780.45	780.45	721.18	43.0	43.0	42.8	18.15	18.15	16.85
Nondurable Goods	408.91	404.94	393.57	39.7	39.7	39.2	10.30	10.20	10.04
Wholesale Trade	376.27	377.34	366.53	38.2	38.0	38.3	9.85	9.93	9.57
Retail Trade[f]	172.90	175.96	167.75	26.6	26.5	27.1	6.50	6.64	6.19

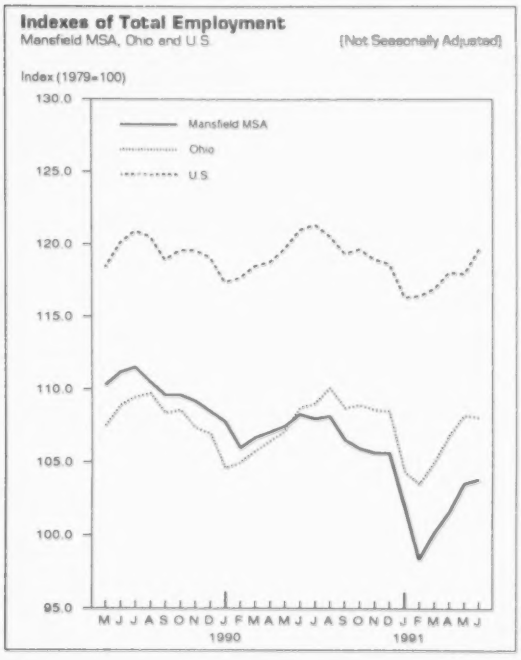
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

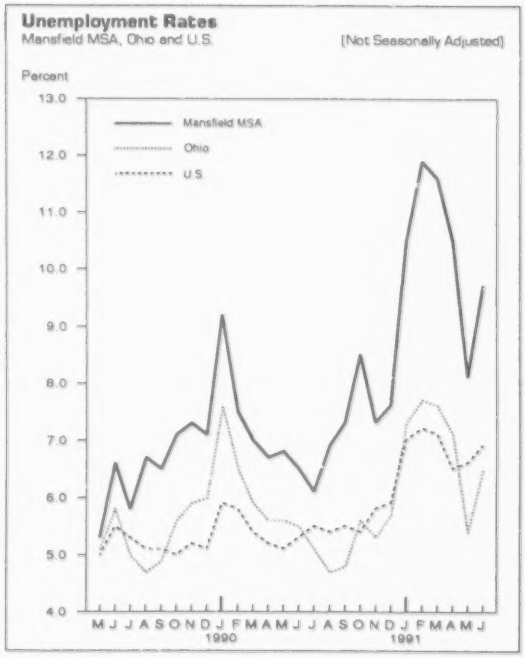
Mansfield Metropolitan Statistical Area



Nonagricultural payroll employment in the Mansfield metropolitan area totaled 58,200 in July 1991, down 400 from June. Seasonal layoffs of nonteaching personnel in local schools lowered employment in service-producing industries 300. The workforce in goods-producing industries declined 100 over the month to 19,200. Scattered losses in manufacturing more than offset nominal growth in construction and mining. Factory production workers averaged $14.07 per hour, down 33 cents from June. Their average workweek of 40.1 hours was 1.6 hours shorter.

Nonfarm wage and salary employment fell 1,600 between July 1990 and July 1991. Over-the-year cutbacks among manufacturers of durable goods, particularly electronic and other electric equipment, lowered employment in the goods-producing sector 1,400. Employment in service- producing industries declined 200 during the period. Scattered decreases, especially in retail trade, outweighed modest expansion in services and local government.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Mansfield MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	64.8	63.4	65.3	1.3	-.5
Employment	58.5	58.3	61.0	.2	-2.5
Unemployment	6.3	5.1	4.2	1.1	2.0
Unemployment Rate	9.7	8.1	6.5		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Mansfield MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	58.2	58.6	59.8	-.4	-1.6
Goods-Producing Industries	19.2	19.4	20.7	-.1	-1.4
Construction and Mining	2.3	2.2	2.4	.1	-.1
Manufacturing	16.9	17.1	18.3	-.2	-1.4
Durable Goods	14.8	15.1	16.3	-.3	-1.4
Fabricated Metal Products	5.3	5.3	5.4	.0	-.1
Electronic and Other Electric Equipment	2.5	2.4	3.1	.1	-.6
Nondurable Goods	2.1	2.1	2.0	.0	.1
Service-Producing Industries	39.0	39.2	39.1	-.3	-.2
Transportation and Public Utilities	3.0	2.9	3.1	.1	-.1
Wholesale Trade	2.3	2.2	2.4	.0	-.1
Retail Trade	10.9	11.0	11.3	-.1	-.4
Finance, Insurance, and Real Estate	2.2	2.3	2.3	.0	-.1
Services	13.0	13.0	12.7	.0	.3
Health Services	4.5	4.5	4.5	.0	.0
Government	7.6	7.9	7.4	-.3	.2
Local Government	5.8	6.0	5.5	-.2	.3
Local Government Education	3.8	4.1	3.6	-.2	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

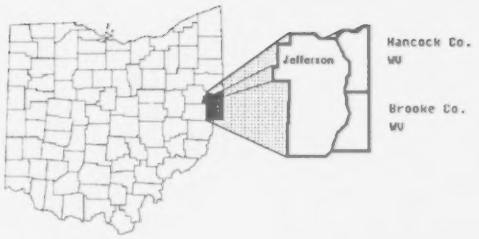
Not Seasonally Adjusted

Mansfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$564.21	$600.48	$560.67	40.1	41.7	41.5	$14.07	$14.40	$13.51
Durable Goods	578.50	623.48	579.27	39.3	41.4	41.2	14.72	15.06	14.06
Fabricated Metal Products	706.25	818.35	696.38	38.3	42.6	40.3	18.44	19.21	17.28
Electronic and Other Electric Equipment	383.25	395.52	439.50	37.5	38.4	40.1	10.22	10.30	10.96
Nondurable Goods	438.02	415.35	404.93	46.4	45.0	44.4	9.44	9.23	9.12
Wholesale Trade	335.24	342.50	338.12	40.1	40.2	40.3	8.36	8.52	8.39
Retail Trade[f]	181.72	180.70	169.10	28.0	27.8	27.1	6.49	6.50	6.24

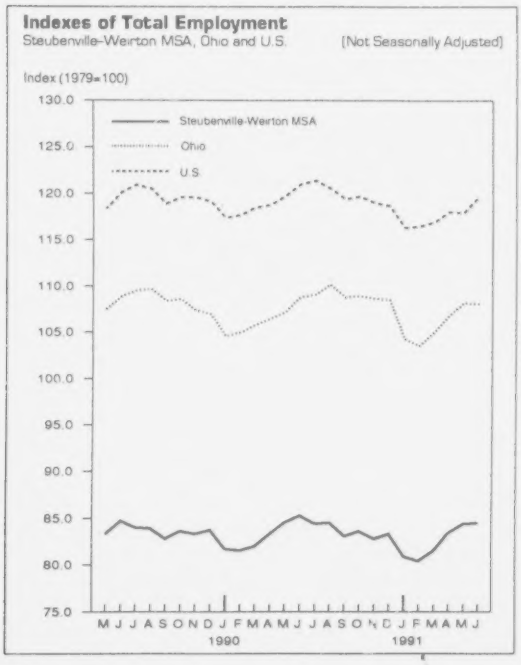
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[f]Depressed due to labor-management disputes.

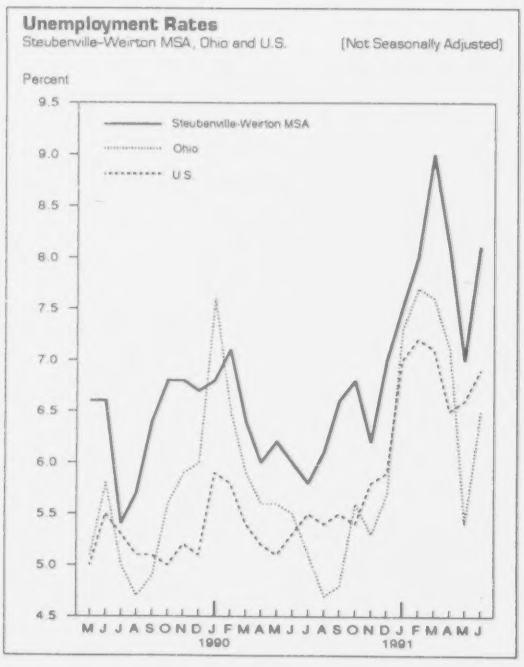
Steubenville-Weirton Metropolitan Statistical Area



In the Steubenville-Weirton metropolitan area, nonagricultural payroll employment fell 900 below the June level to 52,900 in July 1991. Seasonal layoffs of nonteaching personnel in local schools and less business in services lowered employment in service-producing industries 900. The number of jobs in goods-producing industries was unchanged over the month at 20,800. Nominal improvements in construction offset declines in durable-goods manufacturing. Factory production workers averaged $12.52 per hour, on par with June. Their average workweek of 43.8 hours was fractionally longer.

Nonfarm wage and salary employment advanced 700 between July 1990 and July 1991. Expansion in services and in local government raised employment in service-producing industries 700. Employment in goods-producing industries remained at the year-ago level. Growth in construction counterbalanced reductions in manufacturing, particularly primary metal industries.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jun. 1991[b]	May 1991[c]	Jun. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	58.2	57.4	57.4	.8	.8
Employment	53.5	53.4	54.0	.1	-.5
Unemployment	4.7	4.0	3.4	.8	1.3
Unemployment Rate	8.1	7.0	6.0		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	From Last Month	From Last Year
Total	52.9	53.8	52.2	-.9	.7
Goods-Producing Industries	20.8	20.8	20.8	.0	.0
Mining	.8	.8	.8	.0	.0
Construction	2.9	2.8	2.2	.1	.7
Manufacturing	17.1	17.2	17.8	-.1	-.7
Durable Goods	15.5	15.6	16.1	-.1	-.6
Primary Metal Industries	12.2	12.4	12.8	-.1	-.6
Nondurable Goods	1.6	1.7	1.7	.0	.0
Service-Producing Industries	32.1	33.0	31.4	-.9	.7
Transportation and Public Utilities	3.1	3.0	3.1	.1	.0
Wholesale Trade	1.2	1.2	1.3	.0	.0
Retail Trade	9.0	9.0	8.9	.0	.1
General Merchandise Stores	1.3	1.2	1.4	.1	-.1
Finance, Insurance, and Real Estate	1.7	1.7	1.7	.0	.0
Services	11.0	11.4	10.6	-.4	.4
Health Services	5.2	5.2	5.0	.0	.2
Hospitals	2.5	2.5	2.5	.0	.1
Government	6.1	6.6	5.9	-.6	.2
Local Government	5.1	5.7	4.9	-.6	.2
Local Government Education	3.0	3.6	2.9	-.6	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]	Jul. 1991[b]	Jun. 1991[c]	Jul. 1990[c]
Manufacturing	$548.38	$547.12	$515.06	43.8	43.7	44.1	$12.52	$12.52	$11.68
Durable Goods	564.60	562.89	542.55	43.7	43.5	45.1	12.92	12.94	12.03
Primary Metal Industries	603.77	603.77	573.95	44.2	44.2	46.1	13.66	13.66	12.45
Nondurable Goods	385.05	385.56	203.39	45.3	45.9	32.7	8.50	8.40	6.22
Wholesale Trade	323.11	314.20	332.59	39.5	38.6	39.5	8.18	8.14	8.42
Retail Trade[i]	177.16	174.51	169.12	28.3	27.7	28.0	6.26	6.30	6.04

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [i]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence. Civilian labor force data for the metropolitan areas is not available for the current month.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1987) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 12,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	41	.3
Goods–Producing Industries	47	.4
Mining	55	2.0
Construction	16	1.7
Manufacturing	53	.3
Service–Producing Industries	38	.2
Transportation and Public Utilities	41	.3
Wholesale Trade	19	.4
Retail Trade	24	.5
Finance, Insurance, and Real Estate	41	.4
Services	29	.3
Government	76	.3

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than 0.3 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1990 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, selected Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	Ohio		
	July 1991	June 1991	July 1990
New Applicants	39,738	32,663	34,100
Applicants Active This Program Year	211,099	585,529	226,211
Counseling Interviews	1,057	983	721
Tests Administered	1,192	983	2,202
General Aptitude Tests	761	672	408
Proficiency Tests	264	177	321
Specific Aptitude Tests	0	0	0
Referrals to Jobs	29,188	23,073	25,314
Placements	7,432	6,589	7,342
Job Openings Received	INA	INA	INA
Job Openings Unfilled	16,380	32,090	17,590

INA – Information not available

Selected Unemployment Insurance Activities

	Ohio		
	July 1991	June 1991	July 1990
Initial Claims	72,749	49,716	66,696
Continued Claims	543,300	452,196	375,903
First Payments	25,620	21,750	20,720
Last Payments	11,499	10,430	6,573
Average Weekly Claimants	113,478	113,903	82,996
Average Weekly Benefit Recipients	95,818	102,180	66,915
Weeks Compensated	429,056	417,125	275,970
Benefits Paid	$72,386,295	$71,211,985	$44,830,414
Average Weekly Payment	$172.80	$174.88	$166.25
Continued Claims for Survey Week	118,536	113,413	89,540
Insured Unemployment Rate	2.4	2.4	1.8
Net Contributions	$43,989,939	$4,927,127	$34,060,195
Active Employer Accounts	208,437	209,094	207,019